SAMSUNG

Galaxy Note5

SMART PHONE

User Manual

Please read this manual before operating your device
and keep it for future reference.

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The online version of the Health/Safety and Warranty guide for your device can be found at:

English
samsung.com/us/Legal/Phone-HSGuide

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samsung.com/us/Legal/Phone-HSGuide-SP

Location of Legal Information on the device:

Health and Safety Information
Settings > SYSTEM > About device > Legal information > Samsung legal > Health and Safety.

Warranty
Settings > SYSTEM > About device > Legal information > Samsung legal > Warranty.

EULA
Settings > SYSTEM > About device > Legal information > Samsung legal > End User License Agreement.

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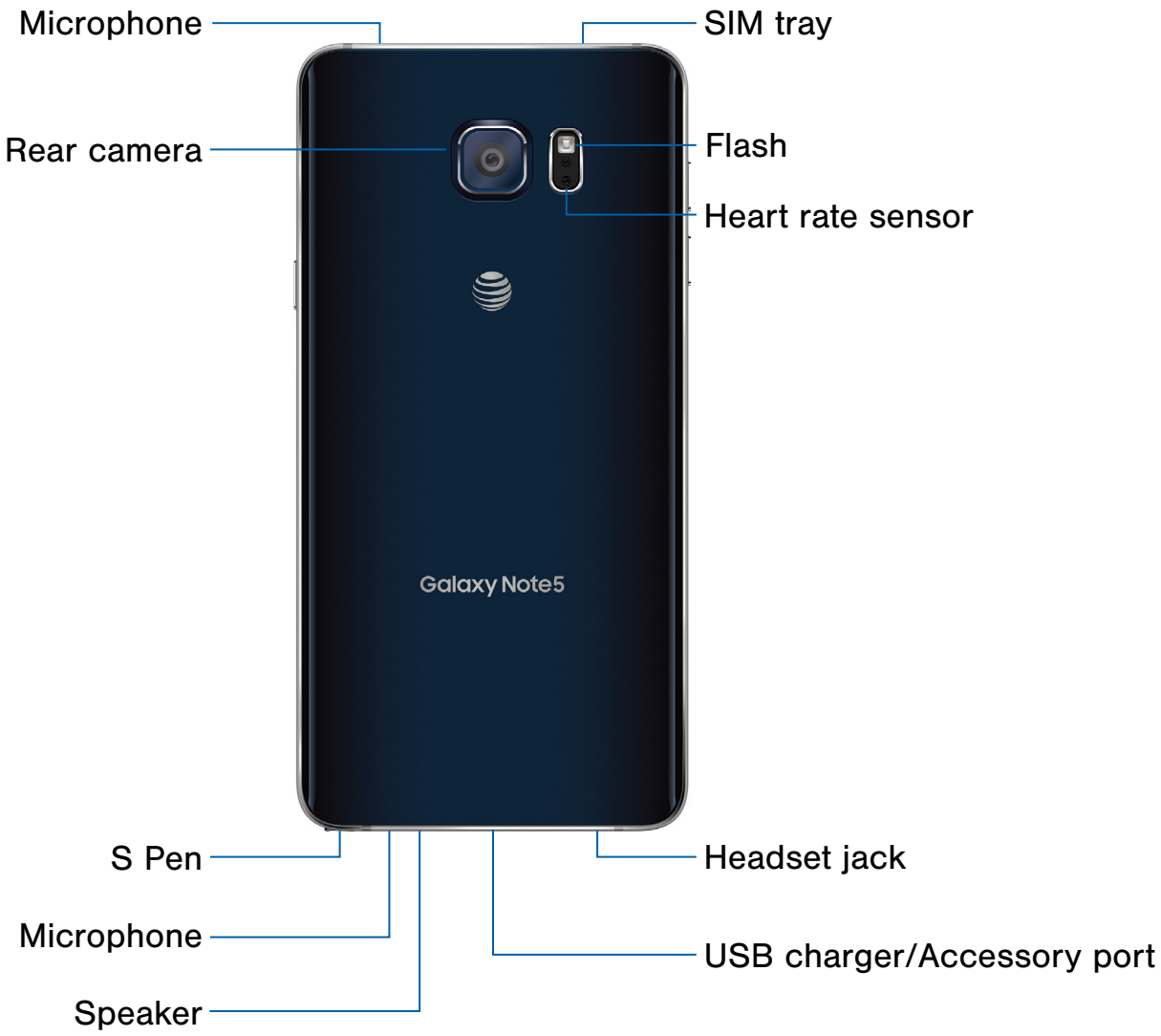
Getting Started

Learn about your mobile device hardware, assembly procedures, and how to get started using your new device.

Front View

- **Back**: Return to the previous screen or close a dialog box, menu, or keyboard.
- **Earpiece**: Listen to a call.
- **Front camera**: Take self-portraits and record videos of yourself.
- **Home key**: Return to the Home screen. Activate the Fingerprint security feature.
- **Power key**: Lock or wake up the screen. Press and hold to turn the device off or restart it, or for quick access to Airplane Mode and Emergency Mode.
- **Proximity sensor**: Detect the presence of objects near the device.
- **Recent**: Display recent apps or touch and hold for Home screen options.
- **Status light** Display a red light when charging or the battery is low, a blue light when a notification has arrived or you are voice recording, and a green light when fully charged.
- **Volume keys**: Adjust the volume of your device's sounds and audio.

Back View



- **Flash**: Illuminate subjects in low-light environments when taking a photo or recording video.
- **Headset jack**: Connect an optional headset (not included).
- **Heart rate sensor**: Measure your heart rate via your fingertip when using the S Health app.
- **Microphone**: Record audio and detects voice commands.
- **Rear camera**: Take pictures and record videos.
- **S Pen**: The S Pen stores inside your device for convenient access.
- **SIM tray**: Store the SIM card. For more information, see Install the SIM Card.
- **Speaker**: Play music and other sounds.
- **USB charger/Accessory port**: Connect the Charger/USB cable (included) and other optional accessories (not included).

Assemble Your Device

This section helps you to assemble your device.

Install the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card. During activation, your SIM card will be loaded with your subscription details, such as your PIN, available optional services, and other features.

Warning: Please be careful when handling the SIM card to avoid damaging it. Keep all SIM cards out of reach of small children.

Caution: Exercise care when using the removal tool to eject the internal SIM card slot.

1. Insert the removal tool into the hole on the SIM tray, and push until the tray pops out.
2. Place the SIM card on the tray, and slide the tray back into the slot.
   - Make sure that the card's gold contacts face down into the device and that the card is positioned as shown.

Caution: If the card is not inserted correctly, the device will not detect the SIM card. Re-orient the card and place it back into the slot if the SIM is not detected.

Charge the Battery

Note: For fastest charging times, use the Adaptive Fast Charging charger that came with your phone. This charger provides faster charging only when connected to devices that support Adaptive Fast Charging.

Caution: Use only Samsung-approved charging devices. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

1. Insert the USB cable into the port.

2. Connect the USB cable to the charging head, and then plug the charging head into a standard outlet.
3. When charging is complete, unplug the charging head from the outlet and remove the USB cable from the device.

Note: This device is also compatible with Samsung-approved wireless charging devices–sold separately.

When to Charge the Battery

When the battery is weak and only a few minutes of operation remain, the device sounds a warning tone at regular intervals.

In this condition, your device conserves its remaining battery power by dimming the screen.

When the battery level becomes too low, the device automatically turns off.

► For a quick check of your battery level, view the battery charge indicator located in the upper right corner of your device's display. A solid color ( ) indicates a full charge.

You can also choose to display a percentage value. Viewing a percentage value can provide a better idea of the remaining charge on the battery. For more information, see Battery.

Set Up Your Device

Turn Your Device On or Off

Turn the Device On

► Press and hold the **Power** key until the device starts up.

Turn the Device Off

1. Press and hold the **Power** key until the Device options menu displays.
2. Tap **Power off**.
3. In the window that displays, tap **POWER OFF**.

Reset the Device

Should your device stop responding to taps or finger gestures and you are unable to turn it off, you can reset your device.

► Press and hold the **Power** key and the **Volume Down** key at the same time for more than seven seconds.

Configure Your Phone

When you first turn on your phone, you will need to set up a few things.

1. As each screen is displayed, follow the instructions on each screen to set up that particular feature.
2. Tap **NEXT**, **SKIP**, or **LATER** to progress to the next screen.

Note: Voice Assistant provides voice prompts and descriptions of on-screen items to improve accessibility. During setup, you can enable or disable Voice Assistant by pressing the Home key quickly three times (triple-press).

AT&T Ready2Go

During initial set up, the AT&T Ready2Go screen displays. It will guide you through the basics of setting up your device.

Follow the prompts to transfer content from an old device, store you contacts in the AT&T Cloud, set up accounts, and more.

If you touch **not now** > **exit**, you can set up your device later.

To access Ready2Go at any time:

► From a Home screen, tap **Apps** > **AT&T Ready2Go**.

Secure Your Device

Use your device's screen lock features to secure your device.

Lock the Device

By default, the device locks automatically when the screen times out.

► To lock the device, press the **Power** key.

Unlock the Device

The default Screen lock on your device is Swipe.

► To unlock your device, press the **Power** key or **Home** key, and then drag your finger across the screen.

Set Up a Secure Screen Lock

The default Screen lock is Swipe which offers no security. To choose a more secure screen lock, see Set a Screen Lock.

Set Up Accounts on Your Device

Google Account

Your new device uses your Google Account to fully utilize its Android features, including Gmail, Google Hangouts, and the Google Play store.

When you turn on your device for the first time, set up your existing Google Account, or create a new Google Account.

– or –

To create a new Google Account or set up your Google Account on your device at any time, use Accounts settings. For more information, see Accounts.

► From a Home screen, tap **Apps** > **Settings** > **PERSONAL** > **Accounts** > **Add account** > **Google**.

Samsung Account

Create a Samsung account, for access to Samsung content and apps on your device. When you turn on your device for the first time, set up your existing Samsung account, or create a new Samsung account.

– or –

To create a new Samsung account or set up your Samsung account on your device at any time, use Accounts settings. For more information, see Accounts.

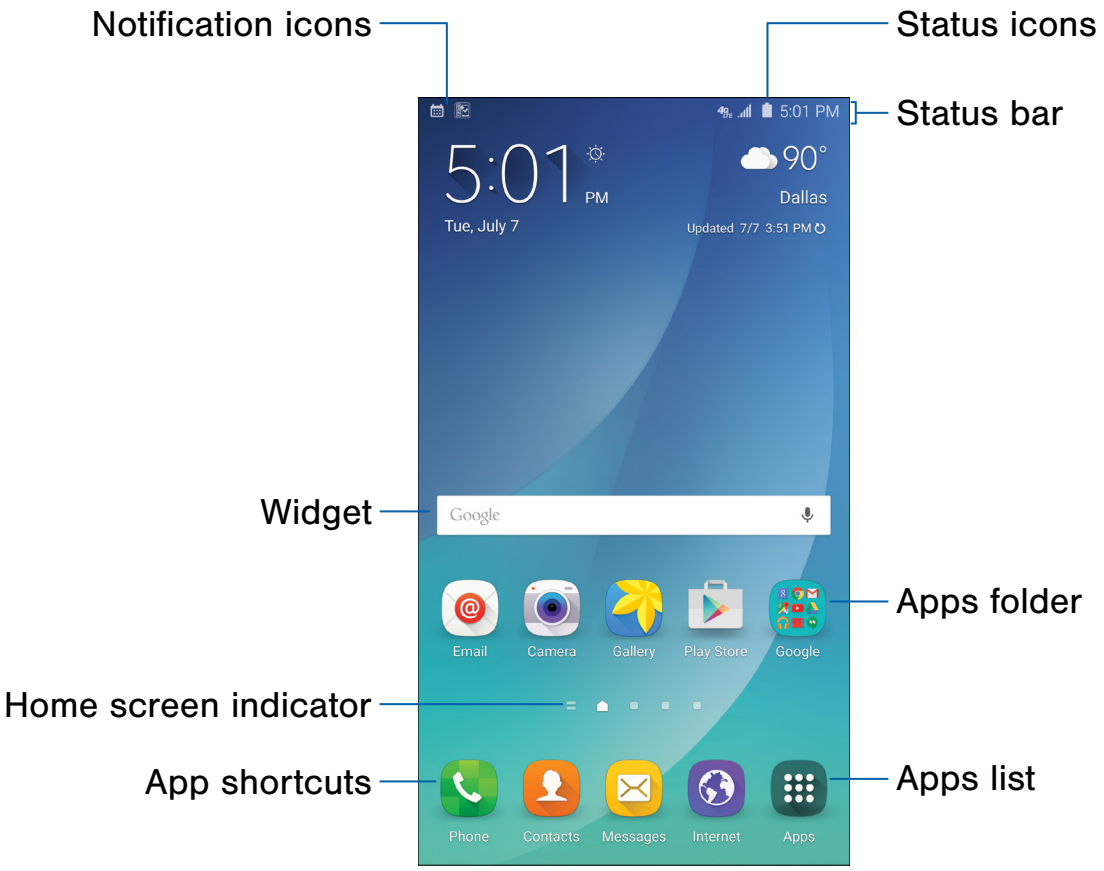
► From a Home screen, tap **Apps** > **Settings** > **PERSONAL** > **Accounts** > **Add account** > **Samsung account**.

Know Your Device

Learn some of the key features of your mobile device, including the screens and icons, as well as how to navigate the device and enter text using the keyboard.

Warning: Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Home Screen



- **App shortcuts**: Shortcuts to your favorite applications.
- **Apps folder**: For your convenience, there are several applications that are grouped into a folder on the main Home screen.
- **Apps list**: Allows quick access to all of your applications.
- **Home screen indicator**: Indicates which Home screen is presently displayed. Swipe across the screen to the right to open Flipboard Briefing.
- **Notification icons**: Display new messages and emails, notifications, available software updates, and more.
- **Status bar**: Displays device status icons (right) and notification icons (left).
- **Status icons**: Display information about the device, such as the network signal strength, battery level, the time, and more.
- **Widget**: Self-contained application (not a shortcut) that runs on the Home screen.

The Home screen is the starting point for using your device.

Customize your Home screen by adding application shortcuts, widgets, folders, and using wallpapers.

To access Home Screen Manager:

► From a Home screen, pinch the screen.

– or –

Touch and hold an empty space on the screen.

Manage Home Screens

Your device comes with multiple Home screens to hold apps and widgets. You can rearrange the Home screens in a different order.

1. From a Home screen, pinch the screen.
2. Use these options to manage screens:
   - **Add a screen**: Scroll to the end of the screens, and then tap **Add**.
   - **Remove a screen**: Touch and hold on a screen, and then drag it to **Remove**.
   - **Set a screen as the main Home screen**: Tap **Main Home screen** at the top of a screen. This screen displays when you press the Home key.
   - **Change the order of screens**: Touch and hold on a screen, and then drag to a new position.
   - **Flipboard Briefing**: Scroll to the left of the screens to find the Flipboard Briefing screen. To activate this feature, tap the **check box** at the top center of the screen.

Wallpapers

Change the look of the Home and Lock screens with wallpaper. You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, pinch the screen.
2. Tap **Wallpapers**.

For more information, see Wallpaper in Settings.

To access Wallpaper settings:

► From a Home screen, tap **Apps** > **Settings** > **PERSONAL** > **Wallpaper**.

Widgets

Widgets are self-contained apps that run on a Home screen. There are all kinds of widgets, including links to a specific contact, Internet bookmarks, Gmail and email accounts, and many others.

Add a Widget to a Home Screen

1. Touch and hold an empty space on the screen, and then tap **Widgets**.
2. Touch and hold a widget, drag it to a Home screen, and then release it.

Remove a Widget

1. From a Home screen, touch and hold a widget to release it.
2. Drag the widget to **Remove** and release it.

Note: Removing a widget does not delete the widget, it just removes the widget from the Home screen.

Themes

Set visual themes for all system screens and icons on your phone.

1. From a Home screen, pinch the screen.
2. Tap **Themes**.

For more information, see Themes in Settings.

To access Theme settings:

► From a Home screen, tap **Apps** > **Settings** > **PERSONAL** > **Themes**.

Screen Grid

Change the number of icons that can be placed on each Home screen by changing the Screen grid dimensions.

1. From a Home screen, pinch the screen.
2. Tap **Screen grid**.
3. Tap a dimension option (**4 x 4**, **4 x 5**, or **5 x 5**) to preview its appearance. The numbers indicate how many icons can be placed horizontally by how many icons can be placed vertically.
4. Tap **APPLY** to apply the selected dimensions.

App Shortcuts

You can use app shortcuts to launch an app from any Home screen.

Add a Shortcut to a Home Screen

1. From a Home screen, tap **Apps**.
2. Touch and hold an app shortcut, drag it to a Home screen, and then release it.

Remove a Shortcut

1. Touch and hold an app shortcut to release it.
2. Drag the app shortcut to **Remove** and release it.

Note: Removing a shortcut does not delete the app, it just removes the shortcut from the Home screen.

Folders

Place folders on a Home screen to organize items.

Create a Folder

You can create a folder on a Home screen.

1. Touch and hold an app icon and drag it on top of another app until a highlighted box appears.
2. Release the app icon to create the folder.
   - Tap **Enter folder name** to enter a name for the folder.
   - Tap **Palette** to change the color.
3. Tap anywhere outside of the folder to close it.
   - To add more apps, touch an hold an app icon and drag it to the folder.

Add a Folder to a Home Screen

1. From a Home screen, tap **Apps**.
2. Touch and hold a folder, drag it to a Home screen, and then release it.

Remove a Folder from a Home Screen

1. Touch and hold the folder until it detaches.
2. Drag the folder to **Remove** and release it.

Status Bar

The Status bar at the top of the Home screen provides device information (such as network status, battery charge, and time) on the right side and notification alerts on the left.

Status Icons

	Battery is fully charged.
	Battery is low.
	Battery is charging.
	Vibrate mode is enabled.
	Mute mode is enabled.
	The device is connected to a 4G LTE wireless network.
	Signal strength.
	Wi-Fi is active.
	No wireless network is available.
	NFC (Near-Field Communication) is enabled.

Notification Icons

	Missed call.
	Call in progress.
	Call is on hold.
	Call is using speakerphone.
	New email has arrived.
	New Gmail has arrived.
	New voicemail message has been received.
	New text or multimedia message has arrived.
	Download of a file or app is in progress.
	File is being uploaded or sent.
	Location service (GPS) is active.
	App updates are available from the Google Play store.
	App updates are complete.

Navigation

Learn the basics for how to navigate through your device, and basics for how to customize screens by editing, sharing, and deleting items.

Touchscreen Navigation

Use the following motions and gestures on your touchscreen to navigate the device.

Tap

Lightly tap items to select or launch them.

- Tap the onscreen keyboard to enter characters or text.
- Tap an item to select it.
- Tap an app icon to launch the application.

Touch and Hold

Touch and hold onscreen items to activate them.

- Touch and hold a widget on the Home screen to move it.
- Touch and hold a field to display a pop-up menu of options.

Swipe

Lightly drag your finger vertically or horizontally across the screen.

- Swipe the screen to unlock the device.
- Swipe the screen to scroll through the Home screens or menu options.

Drag

Touch and hold an item, and then drag to move it to a new location.

- Drag an app shortcut to add it to a Home screen.
- Drag a widget to place it in a new location on a Home screen.

Pinch and Spread

Pinch the screen using your thumb and forefinger or spread by moving your fingers apart.

- Pinch the screen to zoom out while viewing a picture or a web page.
- Spread your fingers on the screen to zoom in while viewing a picture or a web page.

Motions and Gestures

Control your device by making specific gestures with your hand above the device's screen. For more information, see Motions and Gestures in Settings.

To access Motions and Gestures settings:

► From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Motions and gestures**.

Common Options

The device uses basic command options to perform common actions.

- **MORE**: Tap to view more menu options for a screen. This will often allow you to select items to delete or share.
- **DELETE**: Tap to select items to delete. You can often tap a check box at the top of the screen to select all.
- **SHARE**: Tap to select items to share, and a sharing method. You can often tap a check box at the top of the screen to select all.
- **EDIT**: Tap to customize the screen.

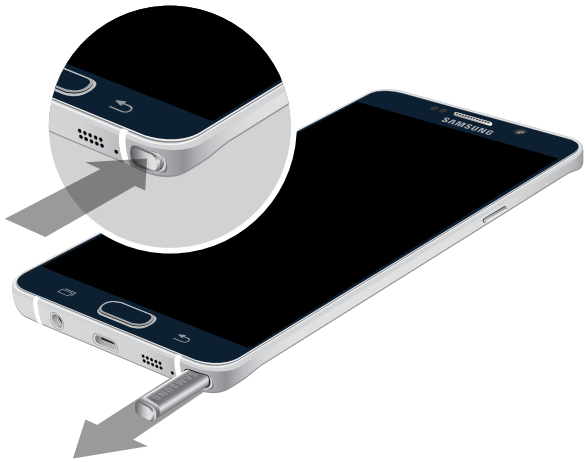
S Pen

The S Pen is a stylus that assists you in performing different functions.

Remove S Pen

The S Pen stores inside your device for convenient access.

1. Push the S Pen inward until it pops out of the device.
2. Slide the S Pen out the rest of the way using the notch on the end of the S Pen.



Caution: When you insert the S Pen into the slot, insert the S Pen's nib first. Failure to do so can cause the S Pen to become stuck. Forcefully detaching the S Pen from the slot may cause damage to the S Pen and your device.

Air View

Hover the S Pen over the screen to preview content, or view information about an item on the screen. For example:

- Hover over an email in a list to preview the message before opening it.
- Hover over a photo album to preview the contents or see a picture enlarged.
- Hover over the timeline during video playback to preview and navigate to specific scenes.
- Hover over an icon or screen button to view the item's name or description.

Note: The preview function is only available when the S Pen's onscreen pointer is a solid color.

Direct Pen Input

When filling out a form field in an app (like Name or Number in Contacts), you can open a Handwriting window to allow you to write an entry with the S Pen rather than type.

To use the Handwriting window:

1. When filling out a form field, hover the S Pen over the field until the **Handwriting** icon appears.
2. Tap the **Handwriting** icon. The Handwriting window appears.
3. Use the space provided in the window to write an entry by hand using the S Pen. While writing, your entries will be converted into text.
   - To edit the converted text, use the Space, Delete, and Enter icons. To change the position of the cursor, drag the pointer below the cursor to the desired position for editing.
   - Tap **DRAWING MODE** to draw images.
4. When finished, tap **DONE**.

Configure S Pen Settings

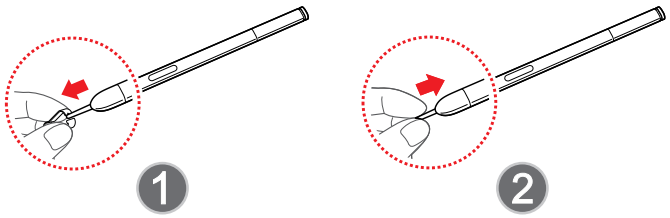
To configure S Pen settings, including options for sounds and for tracking S Pen when it is not stored in your device:

► From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **S Pen**.

Replace the S Pen Tip

You can replace the tip of the S Pen.

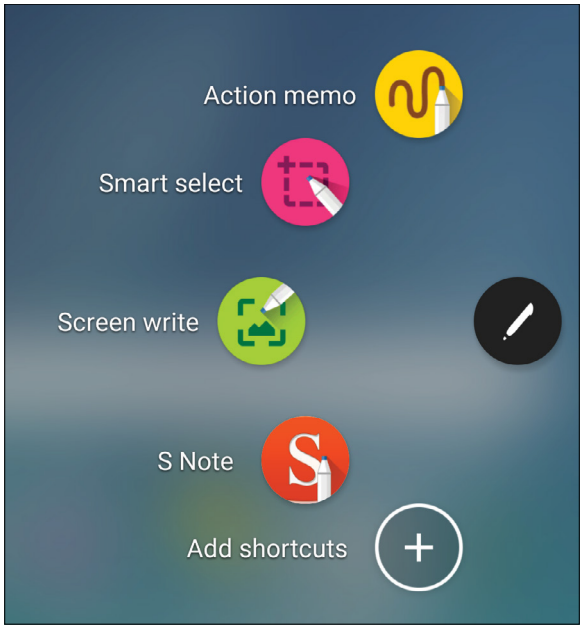
To replace the tip:



1. Use tweezers to pull out the S Pen tip.
2. Insert the new pen tip on the top of the S Pen and press until it clicks in place.

Air Command

Air command allows you to quickly activate frequently-used applications or perform actions.



To launch the Air command menu:

► Remove the S Pen from the S Pen slot.

– or –

Hold the S Pen near the screen so that the pointer appears, and then press the **S Pen** button once.

– or –

Tap **Air command**.

► To use Air Command, tap an option:

- **Action memo**: Launch an Action memo and link it to actions. Action Memos are saved in the S Note app.
- **Smart select**: Draw around an area of the screen to collect it in the Scrapbook app.
- **Screen write**: Capture screenshots and write or draw on them.
- **S Note**: Create, manage and edit notes on your device.
- **Add shortcuts**: Add up to three apps and functions to the Air command menu.

Action Memo

An Action Memo is a special type of note that can turn your written text into actions on your device.

For example, if someone tells you the name of a restaurant, you can launch a new memo, write the name of the restaurant, and then have the memo locate it on a map.

Note: While active, an Action Memo stays on the screen for as long as you are using it, even if you press the Home key. You must tap **SAVE** or **CANCEL** in order to close the memo.

Create an Action Memo

To create an Action Memo:

1. Tap **Air command** > **Action Memo**.

   – or –

   Press and hold the S Pen button and tap the screen two times with the pen.

2. Write your action memo, these editing tools are available:

   - **Pen**: Tap to change the pen color.
   - **Eraser**: Use the pen to erase part of the memo, or tap **Clear all** to erase all content.

3. Tap **MORE** for additional options:

   - **Share**: Choose a sharing method to share the action memo.
   - **Link to action**: Turn written text into actions.
   - **Minimize**: Minimize the action memo by making a small thumbnail on the main Home screen.
   - **Pin to Home screen**: A smaller version of the action memo will appear on the Home screen.
   - **Edit as S Note file**: Open the action memo in the S Note app.
   - **Change background color**: Change the color of the action memo.
   - **Discard**: Exit the Action memo without saving.

4. When you are finished, tap **SAVE**.

Note: Action Memos are saved in the **S Note** app.

Link an Action Memo

Turn text into actions. For example, you can write a phone number, and then save it to Contacts.

To link a memo to an action:

1. Tap **Air command** > **Action Memo**.
2. Write on the memo.
3. Tap **MORE** > **Link to action**.
4. Draw around the content you want to use for the action. The selected content is boxed and highlighted.
5. On the menu bar that displays, tap the action you want to take. Options include Phone, Contacts, Messages, Email, Internet, Map, and Task.

Screen Off Memo

You can write quick memos without turning your device on.

Note: The screen off memo setting must be enabled. For more information, see S Pen.

To create a screen off memo:

1. Detach the S Pen while the screen is off.
2. Write on the screen.
   - Tap **SAVE** to save your action memo to the S Note app.
   - Tap **CANCEL** to discard the action memo.

Smart Select

The Smart select feature provides a capture tool to select content on a screen. You can then add it to your Scrapbook app or share it with your contacts.

To launch the Smart select tool:

1. Tap **Air command** > **Smart select**.
2. Tap a shape at the top of the screen, and select content. The following options are available:
   - **Write**: Add notes to the screen using the S Pen.
   - **Share**: Choose a sharing method to share your content.
   - **Save in Scrapbook**: Save the content in the Scrapbook app.
   - **Save in Gallery**: Save the content to the Gallery app.

Screen Write

Screen write allows you to capture a screen shot and then write notes on the screen shot.

To use Screen Write:

1. Tap **Air command** > **Screen write**.
2. The current screen is captured, and a pen tool appears. The following editing tools are provided:
   - **Pen**: Draw on the screen shot. Press the **Pen** icon a second time to change the pen tip, size, color.
   - **Eraser**: Erase the writing or drawings on the screen shot. Tap the **Eraser** icon a second time to change the size of the eraser area and to see the **ERASE ALL** option.
   - **Undo**: Tap to undo the last action.
   - **Redo**: Tap to redo the last action that was undone.
3. When you are finished writing, tap an option:
   - **Share**: Choose a sharing method to share your content.
   - **Save in Scrapbook**: Save the content in the Scrapbook app.
   - **Save in Gallery**: Save the content to the Gallery app.

S Note

Create notes and edit Action memos.

To access S Note:

► Tap **Air command** > **S Note**.

– or –

From a Home screen, tap **Apps** > **S Note**.

For more information, see S Note.

Add Shortcuts

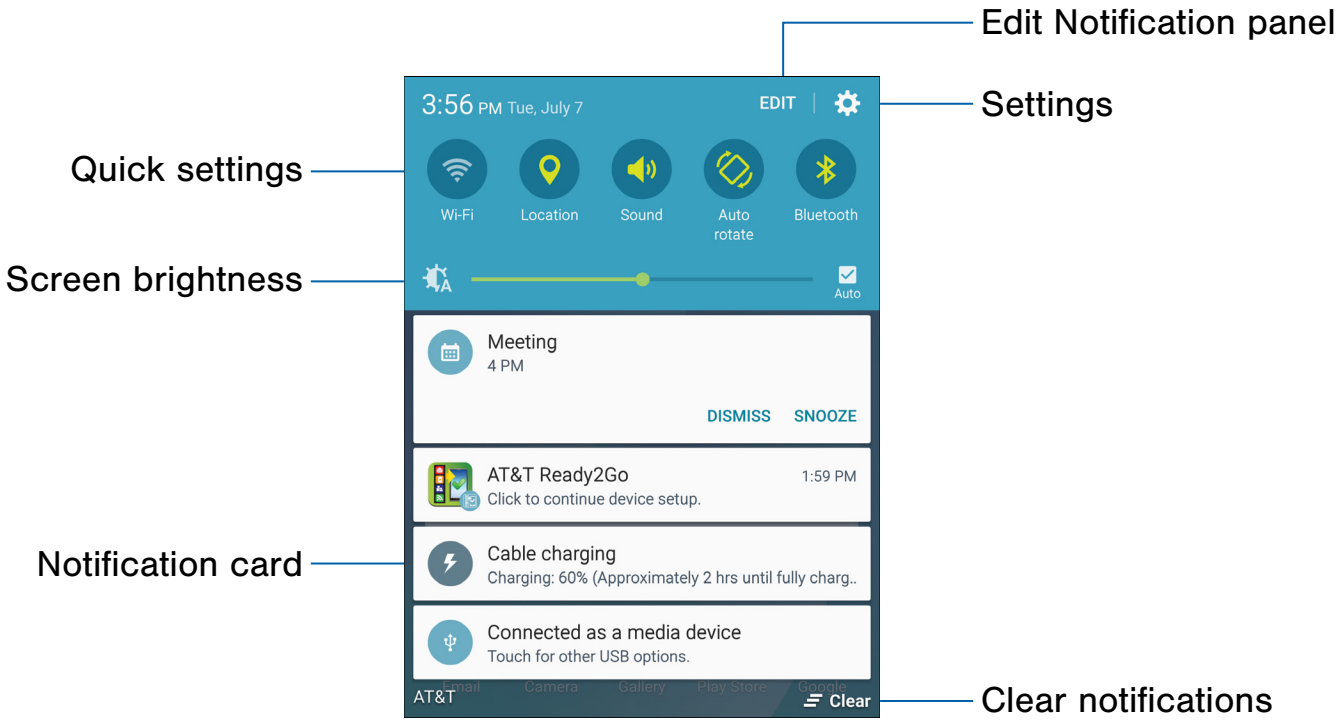
You can add shortcuts to apps and functions to the Air Command menu.

To use Add shortcuts:

1. Tap **Air command** > **Add shortcuts**.
2. Swipe across the screens, and tap the apps or functions you would like to add to the Air Command menu.
   - To delete an app shortcut tap **Remove**.
3. Tap **Back** to save your selection.

Notification Panel

Notification icons on the Status bar display calendar events, device status, and more. For details, open the Notification panel.



- **Clear notifications**: Tap to clear all notifications.
- **Edit Notification panel**: Tap to change settings for the Notification panel, including which Quick settings buttons are visible.
- **Notification card**: Tap to see details about a notification. Swipe a notification card to the right to dismiss it.
- **Quick settings**: Tap to quickly enable or disable a feature. Swipe to the left to see more settings.
- **Screen brightness**: Drag the slider to adjust screen brightness. Tap **Auto** to have the phone set the screen brightness.
- **Settings**: Tap to open the Settings screen.

View the Notification Panel

1. Swipe down on the Status bar to display the Notification panel.
2. Swipe down the list of notifications to see details.
   - Tap an item to open it.
   - To clear a single notification, drag the notification left or right. Tap **Clear** to clear all notifications.
3. To close the Notification panel, swipe upward from the bottom of the screen or tap **Back**.

Quick Settings

In addition to notifications, the Notification panel provides quick access to device functions such as Wi-Fi, allowing you to quickly turn them on or off.

To view additional Quick settings:

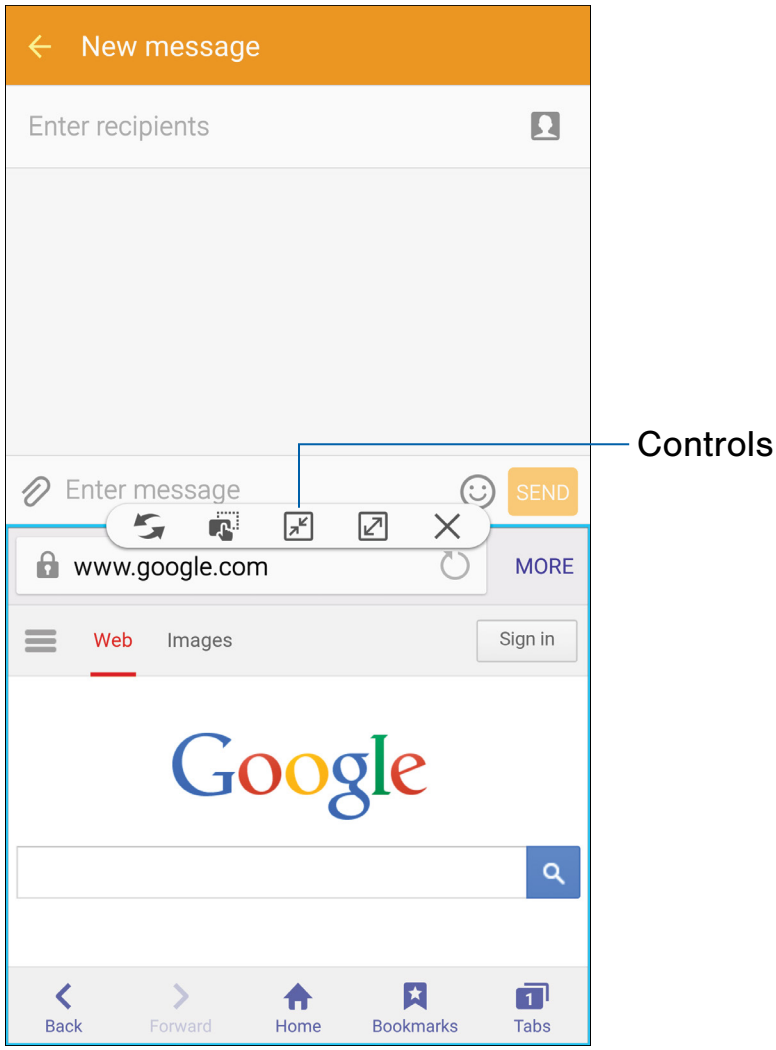
► On the Notification panel, swipe left or right across the visible icons.

To customize the Quick settings that appear:

► On the Notification panel, tap **EDIT**.

Multi Window

Multitask by using multiple applications at the same time.



Activate Multi Window

Apps that support Multi window display together on a split screen. You can switch between the apps, adjust the size of their display on the screen, and copy information from one app to the other.

Note: Multi window is not available for all apps.

1. From any screen, touch and hold **Recent**.
2. If you are currently using an app that supports Multi window, tap another app to add it in split screen view.

   - or -

   Tap two apps that support Multi window to open them in split screen view.

You can also launch recently used apps directly into Multi window view:

1. Tap **Recent**.
2. Recently used apps that support Multi window have a **Multi window** icon in their title bar. Tap **Multi window** in the title bar to launch the application in split screen view.
3. Other recently used apps that support Multi window appear below the launched app. Tap the app icon to add it to the split screen view.

Note: Only applications that support Multi window have the Multi window icon.

Window Controls

Select an application window and tap **Controls** in the middle of the window border.

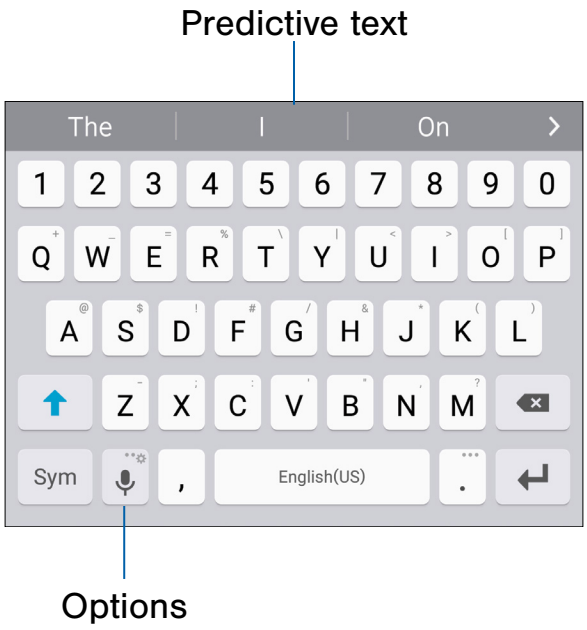
Controls
Switch windows: Switch locations between Multi window applications.
Drag and drop content: Move items between the application windows. Drag an item to share from one window to another. Not all applications support this feature.
Minimize window: Minimize the selected app window. This turns the app into a circular, movable icon that can be opened by tapping on it.
Maximize window: Open the selected app window in full screen view.
Close app: Close the selected application.

Enter Text

Text can be entered using an onscreen keyboard or by speaking.

Use the Samsung Keyboard

Enter text using a QWERTY keyboard.



Predictive Text

Predictive text suggest words matching your text entries, and, optionally, completes common words automatically. Predictive text can learn your personal writing style from your contacts, messages, email, and social networking sites—improving its accuracy of predicting your text entries.

Special Keys	
Sym	Tap to insert numbers and symbols.

Touch and hold **Options** to:

	Use Google voice typing.
	Use your handwriting to enter text.
	Access the clipboard.
	Insert an emoji.
	Access keyboard settings.

Note: The available Options keys depend on the application in use. Not all options are available for all apps.

Configure the Samsung Keyboard

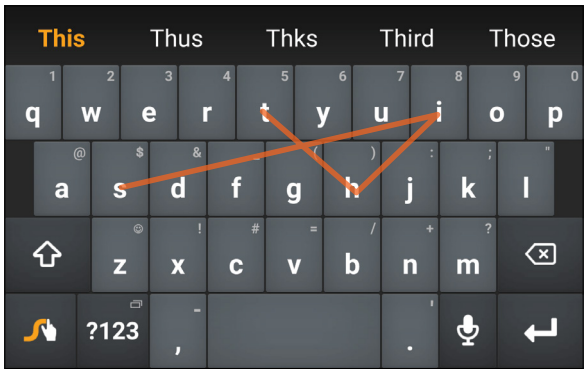
To customize the Samsung Keyboard:

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM** > **Language and input**.
2. Tap **Samsung keyboard** for options.

Use Swype

Swype is a text input method that makes it possible to enter a word by sliding your finger or stylus from letter to letter, lifting your finger or stylus between words.

For example, to enter the word “this”, slide your fingers between the letters “t-h-i-s”.



Enable Swype

To enable the Swype keyboard while entering text:

1. Touch the top of the screen and swipe downward to display the Notification panel.
2. Tap **Select keyboard**.
3. Tap **Swype**.

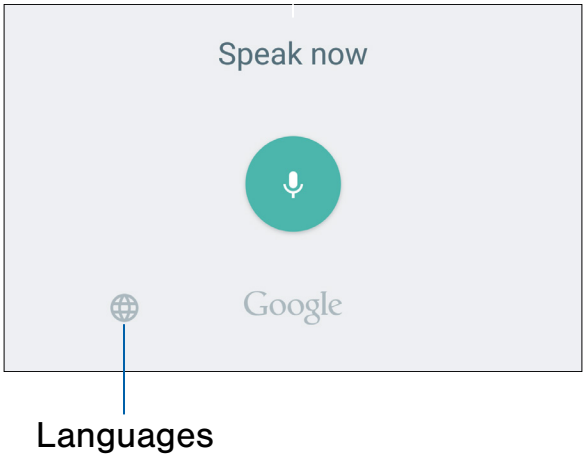
Configure Swype

To customize Swype:

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM** > **Language and input**.
2. Tap **Swype** for options.

Use Google Voice Typing

Instead of typing, enter text by speaking.



1. On the Samsung Keyboard, tap **Google voice typing**.
   - You may need to touch and hold **Options** (left of the Space key) to find it.
2. Speak your text.

Note: Tap **Languages** to change the language or download additional languages for use with Google voice typing.

Configure Google Voice Typing

To customize Google Voice Typing:

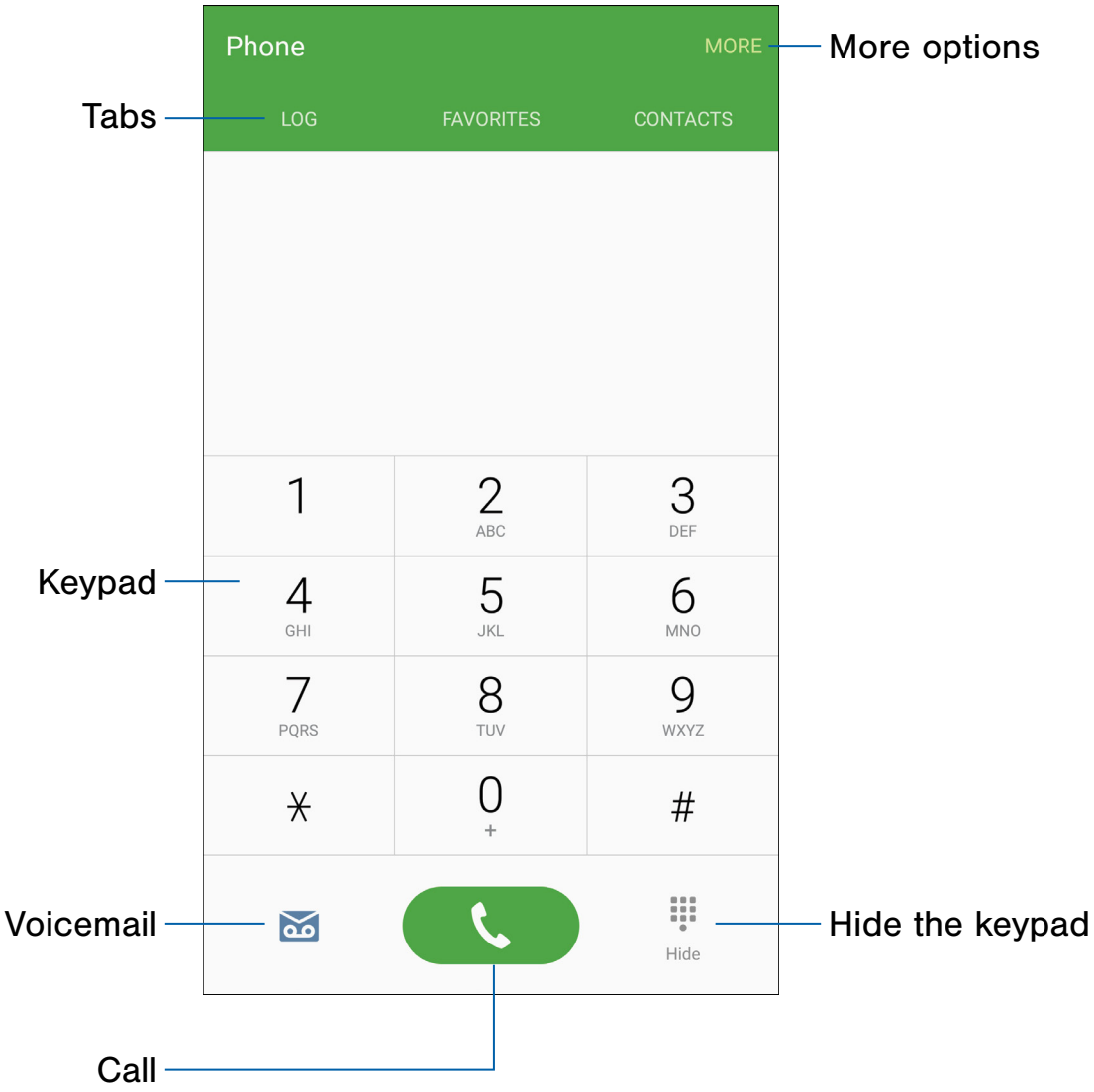
1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM** > **Language and input**.
2. Tap **Google voice typing** for options.

Calling

Make telephone calls using a variety of calling features and services.

Phone Screen

Use the Phone screen to access the dialer keypad, recent calls, favorites, and contacts.



- **Call**: Tap to make your call.
- **Hide the keypad**: Hide the keypad and display recent calls. Tap **Keypad** to display the keypad.
- **Keypad**: Tap the number that you want to call.
- **More options**: Access Speed dial and Call settings.
- **Tabs**: Tap **LOG** to display a list of all dialed, received, and missed calls. Tap **FAVORITES** to display contacts marked as Favorites. Tap **CONTACTS** to display your contacts and select a contact to call.
- **Voicemail**: Tap to set up and check your voicemail. For more information, see Set Up Your Voicemail.

Access Phone

There are a couple of ways to access Phone.

► From a Home screen, tap **Phone**.

– or –

From a Home screen, tap **Apps** > **Phone**.

Display Your Phone Number

You phone number can be found in Settings.

► From a Home screen, tap **Apps** > **Settings** > **SYSTEM** > **About device** > **Status** > **SIM card status**.

Your phone number displays in the My phone number field.

Call Settings

There are also a couple of ways to access the Call settings menu.

► From a Home screen, tap **Phone** > **MORE** > **Settings**.

– or –

From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Applications** > **Phone**.

Make and Answer Calls

Learn how to make or answer a call. Explore features and functionality associated with making or answering a call.

Make a Call

1. From a Home screen, tap **Phone**.
2. Enter a number on the keypad and tap **Dial**.

Note: If the keypad does not appear, tap the **Keypad** icon.

Quickly Dial a Number from Your Contact List

1. From a Home screen, tap **Apps** > **Contacts**.

   – or –

   From a Home screen, tap **Phone** > **CONTACTS**.
2. While viewing your contact list, swipe your finger across a contact to the right call the contact.

Dial a Recent Number

All incoming, outgoing, and missed calls are recorded in the Call log. If the number or caller is listed in your contacts list, the associated name is also displayed.

1. From a Home screen, tap **Phone**.
2. Tap **LOG**. A list of recent calls is displayed.
3. Tap a contact, and then tap **Call**.

Answer a Call

When a call is received the phone rings and displays the caller's phone number or name if stored in the contacts list.

► At the incoming call screen:

- Touch and drag **Answer** to the right to answer the call.
- Touch and drag **Reject** to the left to reject the call and send it to your voicemail.
- Touch and drag **REJECT CALL WITH MESSAGE** upward, and select a message.

If you are using an app, a pop-up screen appears for the incoming call.

► On the incoming call pop-up screen:

- Tap **Answer** to answer the call.
- Tap **Reject** to reject the call and send it to your voicemail.
- Tap **REJECT CALL WITH MESSAGE**, and select a message.
- Tap **Expand** to exit the app and view the main incoming call screen.

End a Call

► When you are ready to end your call, tap **End**.

Multitask While on a Call

If you exit the call screen and return to a Home screen, your active call is indicated by **Call** on the Status bar.

This lets you continue with your current call and do something else, such as access the contacts list, view a recent email, locate a picture, and so on.

To return to the call screen:

► Swipe the Status bar downward to reveal the Notification panel, and then tap the **Call notification**.

To end a call from any application:

► Swipe the Status bar downward to reveal the Notification panel, and then tap **End call**.

Options During a Call

Your phone provides a number of functions that you can use during a call.

Adjust the Call Volume

► Press the **Volume** keys to increase or decrease the volume.

– or –

Quickly add more volume to the incoming audio by tapping **Extra volume**.

Listen with the Speaker or Bluetooth Headset

Listen to the call using the speaker or through a Bluetooth headset (not included).

► Tap **Speaker** to hear the caller using the speaker.

– or –

Tap **Bluetooth** to use a Bluetooth headset (not included).

Place a New Call While on a Call

If your service plan supports this feature, you can make another call while a call is in progress.

1. From the active call, tap **Add call** to dial the second call.
2. Dial the new number and tap **Dial**. When the call is answered:
   - Tap **Merge** to hear both callers at once (multi-conferencing).
   - Tap **Swap** to switch between the two calls.

Call Waiting

If your service plan supports this feature, you can answer an incoming call while you have a call in progress. You are notified of an incoming call by a call waiting tone.

To answer a new call while you have a call in progress:

1. Slide **Answer** in any direction to answer the new call.
2. Tap an option:
   - **Put [caller] on hold** to place the previous caller on hold while you answer the new incoming call.
   - **Merge with [caller]** to add the new caller to the current call.
   - **End call with [caller]** to end the previous call and answer the new call.

Call Log

The numbers of the calls you have dialed, received, or missed are stored in the Call log.

1. From a Home screen, tap **Phone**.
2. Tap **LOG**. A list of recent calls is displayed. If the caller is in your contacts list, the caller's name is displayed.

Save a Recent Call to Your Contacts List

1. From a Home screen, tap **Phone** > **LOG**.
2. Tap the call that contains the information that you want to save to your contacts list.
3. Tap **CREATE CONTACT**.

   – or –

   If you want to replace the number for an existing contact, tap **UPDATE EXISTING**.

Delete a Call from the Call Log

1. From a Home screen, tap **Phone** > **LOG**.
2. Touch and hold the call you want to delete from the Call log.
3. Tap **DELETE**.

Add a Call to the Reject List

By adding a caller to your Reject list, future calls from this number will be sent directly to your voicemail.

1. From a Home screen, tap **Phone** > **LOG**.
2. Tap the caller you want to add to the Reject list.
3. Tap **MORE** > **Block number**.

Speed Dial

You can assign a shortcut number to a contact for speed dialing their default number.

Create a Speed Dial

1. From a Home screen, tap **Apps** > **Phone**.
2. Tap **MORE** > **Speed dial**. The Speed dial screen displays showing the numbers 1 through 100. Number 1 is reserved for voicemail.
3. Tap an unused number (**Add contact**).
4. Tap a contact to assign to the number.
   The selected contact displays in the speed dial number box.

Make a Call Using Speed Dial

1. From a Home screen, tap **Phone**.
2. Touch and hold the speed dial number.
   - If the speed dial number is more than one digit long, enter the first digits, and then hold the last digit.

Remove a Speed Dial Number Assignment

1. From a Home screen, tap **Apps** > **Phone**.
2. Tap **MORE** > **Speed dial**.
3. Find the contact to remove from Speed dial and tap **Remove**.

Emergency Calls

The Emergency calling mode makes redialing an emergency number a one-tap process.

Note: This mode can drain your battery power more rapidly than normal calling mode.

Make an Emergency Call with an Active SIM Card

1. From a Home screen, tap **Phone**.
2. Enter the emergency number (911 for example) and tap **Dial**.

Make an Emergency Call without an Active SIM Card

Without an active SIM card, you can only make an emergency call with the phone. Normal cell phone service is not available.

1. From a secured Lock screen, tap **Emergency call** and drag upward.
2. Tap **EMERGENCY CALL** to display the Emergency dialer.
3. Enter 911 and tap **Dial**.
4. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.

Set Up and Access Voicemail

Set up and configure your voicemail.

Set Up Your Voicemail

1. From the Home screen, tap **Phone** > **Voicemail**.
2. Follow the tutorial to create a password, record a greeting, and record your name.

Note: These steps may be different depending on your network.

Access Your Voicemail

1. From the Home screen, tap **Phone** > **Voicemail**.
   - You may be prompted to enter a password.
2. When connected, follow the voice prompts from the voicemail center.

Access Your Voicemail from Another Phone

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the **asterisk** or **star** (*) key on the phone you are using.
3. Enter your password and you are connected to your voicemail.

Applications

The Apps list displays all applications installed on your device, both preloaded apps and apps you download and install yourself.

Learn how to change the way apps appear, organize apps into folders, and uninstall or disable apps.

Apps List

The Apps list shows all preloaded apps and apps that you downloaded. You can uninstall, disable, or hide apps from view.

Shortcuts to apps can be placed on any of the Home screens. For more information, see Add a Shortcut to a Home Screen.

Access Applications

1. From a Home screen, tap **Apps**.
2. Tap an application's icon to launch it.
3. To return to the main Home screen, press the **Home** key.

Download and Install New Apps

Find new apps to download and install on your device.

- **Play Store**: Download new apps from the Google Play store. Visit play.google.com/store/apps to learn more.
- **Galaxy Apps**: View and download Samsung apps that are optimized for use with Galaxy devices. Visit samsung.com/levant/apps/mobile/galaxyapps to learn more.

Uninstall or Disable Apps

You can uninstall or disable apps you download and install.

- Preloaded apps cannot be uninstalled.
- Apps that are disabled are turned off and hidden from view.

To uninstall or disable an app:

1. From a Home screen, tap **Apps**.
2. Tap **EDIT**. Apps that can be uninstalled or disabled show **Uninstall/Disable** on their icon.
3. Tap **Uninstall/Disable** and follow the prompts to either uninstall or disable the app.

To enable apps after disabling them:

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Applications** > **Application manager**.
2. Swipe to the DISABLED screen and tap the app you want to enable.
3. Tap **ENABLE**. The app displays again in the Apps list.

Organize Your Apps

The Apps icons can be organized into folders and rearranged in a custom order.

Change the Order Apps Are Listed

1. From a Home screen, tap **Apps**.
2. Tap **EDIT**.
3. Touch and hold an app icon or folder and drag it to a new location.
4. Tap **DONE** when finished.

To alphabetize your apps:

► From a Home screen, tap **Apps** > **A-Z**.

Use Folders to Organize Apps

1. From a Home screen, tap **Apps** > **EDIT**.
2. Touch and hold an app icon and drag it on top of another app until a highlighted box appears.
3. Release the app icon to create the folder.
   - Tap **Enter folder name** to name the folder.
   - Tap **Palette** to change the folder color.
4. Tap anywhere outside of the folder to close it.
   - To add more apps, touch an hold an app icon and drag it to the folder.
5. Tap **DONE** when you are finished.

Google Apps

Enjoy these apps from Google.

Note: Certain apps require a Google account. Visit google.com to learn more.

Chrome

Use Google Chrome to browse the Internet and bring your open tabs, bookmarks and address bar data from your computer to your mobile device.

Visit google.com/chrome/mobile to learn more.

Drive

Open, view, rename, and share your Google Docs and files.

Visit drive.google.com to learn more.

Gmail

Send and receive email with Gmail, Google's web-based email service.

Visit gmail.com to learn more.

Google

Search not only the Internet, but also the apps and contents of your device.

Google Now

Google Now works in the background to collect information you regularly look up and organize it into convenient cards that appear when you need them.

Visit google.com/landing/now to learn more.

Press and hold the **Home** key.

Note: When Google Now is enabled, you can also access it by touching **Google**.

Google Settings

Quickly and easily change Google app settings to suit your preferences.

Note: You must be signed in to the application you want to configure.

Hangouts

Hangouts is an online place to meet friends and family, share photos, and host video calls.

Visit google.com/hangouts to learn more.

Maps

Use Google Maps to find your current location, get directions, and other location-based information.

Note: You must enable location services to use Maps. For more information, see Location.

Visit google.com/maps to learn more.

Photos

This application automatically backs up your photos and videos to your Google+ account.

Visit google.com/+/learnmore/photos to learn more.

Play Movies & TV

Watch movies and TV shows purchased from Google Play. You can stream them instantly, or download them for viewing when you are not connected to the Internet. You can also view videos saved on your device.

Visit play.google.com/store/movies to learn more.

Play Music

With Google Play Music, you can play music and audio files on your device.

Visit play.google.com/about/music to learn more.

Play Store

Find new apps, movies and TV shows, music, books, magazines, and games in Google Play store.

Visit play.google.com to learn more.

Voice Search

Use voice commands to search the web with Google.

Wallet

Google Wallet allows you to carry credit cards and debit cards in your Android phone, allowing you to tap the back of your phone at the point of sale to pay or shop online everywhere you see the Google Wallet Buy button.

Visit google.com/wallet to learn more.

YouTube

View and upload YouTube videos right from your device.

Visit youtube.com to learn more.

AT&T Applications

Enjoy these applications from AT&T.

Note: Certain applications require a data plan or paid subscription. Visit att.com to learn more, or contact your service provider for additional information.

AT&T FamilyMap

AT&T FamilyMap provides peace of mind by being able to conveniently locate a family member from your wireless device or PC and know that your family's location information is secure and private.

FamilyMap requires a paid subscription. Visit att.com/familymap for more information or contact your AT&T Customer Service Representative.

AT&T Live

Access *AT&T Live/Yahoo!* on the Internet.

AT&T Locker

AT&T Locker allows you to store, share, and sync all of your photos, videos, and documents in one safe, convenient place: the AT&T cloud.

AT&T Mail

Instantly get your mail anytime, anywhere. Read, respond to, and organize your messages quickly, whether you are at home or on the go.

AT&T Mobile Locate

With the AT&T Mobile Locate app you can access the Mobile Protection Pack and with a paid subscription, replace your phone if it is lost or damaged, locate your phone if it is lost, and receive backup and phone support.

In order to take advantage of the AT&T Mobile Locate application, you must purchase the Mobile Protection Pack within 30 days of purchase/activation of a new device. For more information, see att.com/mpp.

AT&T Mobile Transfer

Transfer your contacts, call logs, messages and media when switching phones.

AT&T Navigator

AT&T Navigator provides you with access to real-time GPS-driven applications. These programs not only allow you to achieve turn-by-turn navigation, but also access local searches.

Note: You must have a data plan to use this feature. These services require the purchase of a subscription.

AT&T Ready2Go

AT&T Ready2Go allows you to quickly and easily setup your device by using the web browser on your PC. You can set-up email accounts, import contacts, set wallpaper, configure Wi-Fi and many more features.

AT&T Smart Wi-Fi

With AT&T Smart Wi-Fi, you can maximize your battery performance, simplify access to AT&T Hot Spots and Wi-Fi networks, automate your Wi-Fi connections, and track your data use.

Caller Name ID

Subscribe to Caller Name ID to identify unknown callers by name, picture, city, and state.

Caller Name ID requires a subscription.

Device Help

Device Help provides online information to help with your device questions.

DriveMode

With the AT&T DriveMode application, you can set your phone to auto reply when you are driving and do not want to answer the phone. You can auto reply to messages, emails, and phone calls. You can also allow up to five of your contacts to contact you while using DriveMode.

Mobile TV

Mobile TV is a subscription service that allows you to watch your favorite TV shows using your handset.

myAT&T

The myAT&T application allows you to manage your AT&T account. You can review and pay your bill, check minutes and data usage, upgrade to a new device, or change your plan.

Smart Limits

Smart Limits is a family smartphone manager that helps you set limits on purchases and texts, block data and phone numbers, and view phone activity.

Usage Manager

This is a shortcut to your Data usage settings for managing your mobile data usage.

For more information, see Data Usage.

Visual Voicemail

Use Visual Voicemail to review and manage your voicemail messages directly from your phone without dialing into voicemail. You can also see a list of your messages on your phone and select which ones you want to play, call back, share, delete, or save.

Additional Apps

There are additional apps, including several Samsung apps, preloaded on your device.

Amazon

Shop at Amazon.com from your device.

Amazon Kindle

Use the Amazon Kindle application to download books for reading right on your device. You must have an account with Amazon to use the Kindle application.

Facebook

Keep up with friends and family with the Facebook app. Share updates, photos, and videos, as well as text, chat, and play games.

Games

Play full version games for free. Use WildCoins to rent or buy games and in-game items. Enjoy new games every week.

Hancom Office 2014

Opens and manages Hancom Office Hanword (*.hwp) and Hanshow (*.show) documents.

Instagram

Capture and share photos and videos with your friends. Customize what you capture, then share it on your feed or post it directly to your friends.

Lookout

Lookout Mobile Security provides key security options, such as anti-virus and anti-malware technology, a lost and stolen device locater service, an application privacy adviser, and a backup service.

Milk

Exclusive to Galaxy owners, Milk Music is a radio service that gives you more of the music you love, curated by top DJs and industry pros and all for free.

Plenti

Plenti is a rewards program that lets you earn points at one place and use them at another, all with a single card.

For more information see plenti.com.

Samsung Gear

Connect your device to your Samsung Gear using this application.

SideSync

SideSync is a PC-Mobile solution that enables the screens, windows, and data to be shared easily between a PC and Samsung Android Device.

Uber

An entirely new and modern way to travel is at your fingertips. Uber is your private driver in more than 130 cities and 30 countries.

YP

The Yellow Pages Mobile application provides quick and ready access to businesses, map locations, and storage of your favorite searches. Use YP to touch into local businesses, locations, and events, and connect to your search in real-time.

Calculator

The Calculator provides basic and advanced arithmetic functions.

Basic Operation

1. From a Home screen, tap **Apps** > **Calculator**.
2. Enter the first number using the numeric keys.
3. Tap the appropriate arithmetic function key.
4. Enter the next number.
5. To view the result, tap the **Equals** key.

Additional Functions

To clear the results:

► Tap C **Clear** key.

To clear the calculator history:

► Tap **HISTORY** > **CLEAR HISTORY**.

Tip: Tap **KEYPAD** to return to the calculator keys.

To copy all or part of the calculation to the clipboard:

► Touch and hold an entry in the display field.

Scientific Calculator

Turn the device landscape to use advanced arithmetic functions, such as *sin*, *cos*, and *tan*.

Calendar

Manage your calendar events and tasks.

Create an Event

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap **Add** to add an event.
3. Enter details for the event, and then tap **SAVE**.

Delete an Event

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap an event to view it, and then tap **DELETE**.

Share an Event

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap an event to view it.
3. Tap **SHARE** and tap a sharing format.
4. In the Share as window, tap a sharing method and follow the prompts.

Create a Task

Tasks are items you add to the calendar to be accomplished on a certain day. A task appears as a checklist item and is removed once you mark the task as complete.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap the **drop-down menu** in the top left corner (by default, the Month and Year are shown) and tap **Tasks**.
3. Tap the **Enter new task** field to enter a new task.
4. You can choose to set the task for **TODAY**, **TOMORROW**, or tap **Expand** to set the following options:
   - **Due date**: Tap **ON/OFF** to select a date on the calendar for the task.
   - **Reminder**: Tap to set a reminder alert.
   - **Notes**: Tap to save a note with your task.
   - **Priority**: Tap to assign a priority to the task.
5. Tap **SAVE** to save the task.

Delete a Task

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap a day on the calendar to view the tasks for the day, or select **Tasks** from the drop-down menu.
3. Tap the **check box** by the task to mark it as complete and remove it from the calendar.
4. To delete the task permanently, tap the task to open it, and then tap **DELETE**.

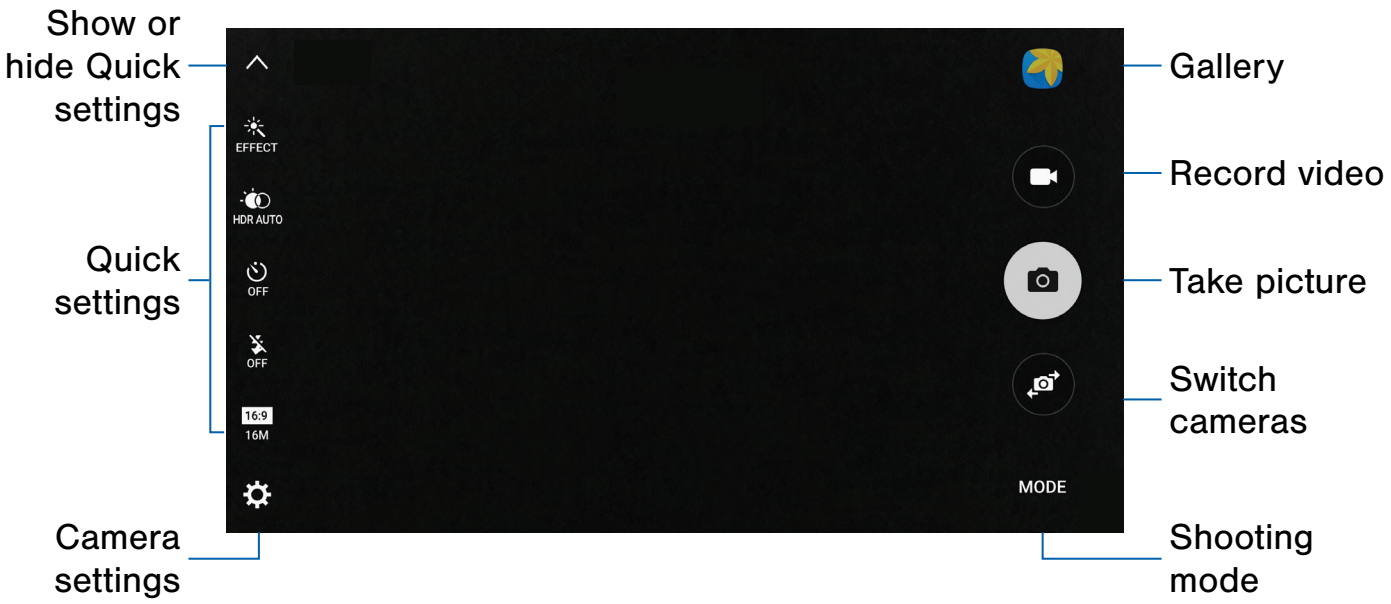
Calendar Settings

These settings allow you to modify settings associated with using the Calendar.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap **MORE** > **Settings**.
3. Tap an option and follow the prompts.

Camera and Video

Take pictures and videos with the Camera app.



- **Camera settings**: Tap to change camera settings.
- **Gallery**: Tap to open the Gallery to view photos and videos.
- **Quick settings**: Quick access to select camera settings or options.
- **Record video**: Tap to record a video.
- **Shooting mode**: Tap to change the shooting mode.
- **Show or hide Quick settings**: Tap to show or hide the Quick settings.
- **Switch cameras**: Tap to switch between the rear and front cameras.
- **Take picture**: Tap to take a picture.

Take Pictures

Take pictures with your device's front or rear camera, or combine shots with Dual mode.

Note: Prior to using the camera, remove the plastic protective covering from the camera lens.

1. From a Home screen, tap **Apps** > **Camera**.
2. Using the display screen as a viewfinder, compose your shot by aiming the camera at the subject. While composing your picture, use these options and gestures:
   - Touch the screen with two fingers and pinch or spread them on the screen to zoom in or out.
   - Tap the screen to focus on the area you touched. Slide up or down to adjust the brightness.
3. If desired, before taking the photo, you can touch icons to access various camera options and settings. You can also touch the screen to move the focus field to the area you touch.
4. Tap **Take picture** to take the picture.

Note: You can also press the **Volume** keys up or down to take a picture. This is the default action of the Volume keys. You can also set the Volume keys to act as the video record key or as a zoom key.

Shooting Mode

Several visual effects are available. Modes differ by which camera is active (front or rear facing).

1. From a Home screen, tap **Apps** > **Camera**.
2. Tap **MODE** to view the following options. Each section indicates which camera (front or rear) the modes are available for.

Both cameras

- **Video collage**: Create your own short collages and slow-motion videos without any editing tools.
- **Live broadcast**: Broadcast live on YouTube. Share your link with friends so they can watch your video in real time.
- **Virtual shot**: Create multi-directional views of objects.
- **Download**: Download additional shooting modes from the Galaxy Apps store.

Rear camera

- **Auto**: Allow the camera to evaluate the surroundings and determine the ideal mode for the picture.
- **Pro**: Manually adjust the ISO sensitivity, exposure value, white balance, and color tone while taking pictures.
- **Selective focus**: Change the focus of pictures after they have been taken. You can focus on subjects near to the camera, far away from the camera, or both.
- **Panorama**: Create a linear image by taking pictures in either a horizontal or vertical direction.
- **Slow motion**: Record videos at a high frame rate for viewing in slow motion. You can play a specific section of each video in slow motion after recording it.
- **Fast motion**: Record videos for viewing in fast motion. You can play a specific section of each video in fast motion after recording it.

Front camera

- **Selfie**: Take selfie shots and apply various effects, such as an airbrushed effect.
- **Wide selfie**: Take wide-angle selfie shots to fit more people into your pictures.
- **Interval shot**: Select the best pictures from a series of continuous shots taken at set intervals.

Camera Settings

1. From a Home screen, tap **Apps** > **Camera**.
2. Quick settings are listed across one side of the camera view finder. Available options vary depending on the camera or recording mode used. Default settings include:
   - **EFFECT**: Add special graphical effects.
   - **HDR AUTO (rich tone)**: Save the picture in HDR (rich tone) only.
   - **Timer**: Take time-delayed pictures or videos.
   - **Flash**: Activate the flash (rear camera only).
   - **BEAUTY**: Take a picture with lightened faces for gentler images (front camera only).
   - **Picture size**: Select a resolution. Use higher resolution for higher quality. Higher resolution pictures take up more memory.
3. Tap **Settings** to configure settings for Camera. Available options vary depending on the camera/recording mode used.

Both cameras

- **Video size**: Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.
- **Video stabilization**: Activate anti-shake. Anti-shake helps to keep the focus steady when the camera is moving.
- **Grid lines**: Display viewfinder grid lines to help composition when selecting subjects.
- **Location tags**: Attach a GPS location tag to the picture.
- **Review pictures**: Set to show pictures after taking them.
- **Quick launch**: Open camera by pressing the Home key twice in quick succession.
- **Voice control**: To take pictures say “smile”, “cheese”, “capture”, or “shoot”. To record videos, say “Record video”.
- **Volume keys function**: Use the Volume key as the capture key, the record key, or as a zoom key.
- **Shutter sound**: Enable a shutter sound when pictures are taken.
- **Reset settings**: Reset the camera settings.
- **Help**: View information on using the camera.

Rear camera

- **Tracking AF**: Focus on and track a subject selected on the preview screen.
- **Save as RAW file**: Save pictures without compression. A viewer app is required to view pictures saved as RAW files.

Front camera

- **Gesture control**: Detect palm and automatically take a picture two seconds later.
- **Save pictures as previewed**: Save the self-portrait or self-recording as viewed on the camera screen.

Live Broadcast

Share what is happening around you via YouTube.

To access the Live Broadcast:

► From a Home screen, tap **Apps** > **Camera** > **MODE** > **Live broadcast**.

Note: You need to sign in to your Google Account and enable live broadcasting in your YouTube settings to use this feature.

Live Broadcast Options

The following options are available:

- **Rear/Front**: Choose which camera to record from.
- **Invite**: Invite contacts to view your live broadcast by sending them a link.
- **Settings**: Set your privacy settings, Video size, Auto save, and manage your account.
- **Live**: Start recording your live broadcast.
- **Share**: Share while recording your live broadcast.
- **Stop**: End your live broadcast.

Record a Live Broadcast

Record and instantly share your videos to YouTube.

1. From a Home screen, tap **Apps** > **Camera** > **MODE** > **Live broadcast**.
2. Press **Live** to begin recording.
3. When you are finished, tap **Stop**.

Share a Broadcast

You can share your live broadcast with contacts before recording, or share the link after you have finished recording and it has been posted to YouTube.

To invite contacts before broadcasting:

1. From a Home screen, tap **Apps** > **Camera** > **MODE** > **Live broadcast**.
2. Tap **Invite** and select contacts or groups to share your live broadcast with.
3. Tap **DONE** to send invites.

To share a Live broadcast while broadcasting:

► Tap **Share** and select a sharing method to share your live broadcast.

To share a Live broadcast after broadcasting:

► After recording, tap **SHARE** and select a sharing method to share your live broadcast.

Live Broadcast Settings

Customize your Live Broadcasts.

1. From a Home screen, tap **Apps** > **Camera** > **MODE** > **Live broadcast**.
2. Tap **Settings** and select an option to customize:
   - **Privacy**: Choose either to have your videos unlisted where only friends with a link can view them, or public where anyone can view them.
   - **Video size**: Tap to choose a size option.
   - **Auto save**: Tap to enable auto saving your videos to the Gallery app.
   - **Screen power saving**: Dims the brightness if you broadcast without touching the screen.
   - **Account**: Tap to add or switch your Google Account.

Clock

The Clock app offers features for keeping track of time and setting alarms.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap a tab to use a feature:
   - **Alarm**: This feature allows you to set an alarm to ring at a specific time.
   - **World Clock**: View the time of day or night in other parts of the world. World Clock displays time in hundreds of different cities, within all 24 time zones around the world.
   - **Stopwatch**: Use this option to measure intervals of time.
   - **Timer**: Use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

Create an Alarm

Create an alarm event. You can set one-time or recurring alarms, and choose options for how to be notified.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap the following items to configure an alarm:
   - **Date**: Choose the day for this alarm.
   - **Time**: Set a time for the alarm.
   - **Repeat weekly**: Choose what day to repeat the alarm, if so desired.
   - **OPTIONS**: Tap to view and set the following options:
     - **Alarm type**: Choose whether the alarm will use sound, vibration, or vibration and sound to alert you.
     - **Volume**: Drag the slider to set the volume of the alarm.
     - **Alarm tone**: Choose a sound to play for the alarm.
     - **Snooze**: Allow snoozing, and set interval and repeat values for the alarm while snoozing.
     - **Increasing volume**: Start playing the alarm tone at a low volume at an interval before the alarm time, and slowly increase in volume. Available when you have chosen an alarm type that includes sound.
     - **Alarm name**: Enter a name for the alarm.
3. Tap **SAVE** to save the alarm.

Delete an Alarm

1. From a Home screen, tap **Apps** > **Clock**.
2. Find the alarm in the alarm list (under the Alarm tab), and then tap **Delete** in the upper right corner of the alarm entry.

World Clock

The world clock lets you keep track of the current time in multiple cities around the globe.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **World Clock**.
3. Tap the **Search** field, and enter the name of a city. Tap the city to view it on the globe.
4. Tap **Add city** to add the city to your world clock.
   - Repeat to add multiple cities.

Stopwatch

The stopwatch lets you time events down to a hundredth of a second.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **Stopwatch**.
3. Tap **START** to begin timing.
4. Tap **STOP** to stop timing.
   - Additional options include LAP to keep track of laps, RESUME to continue timing, and RESET to reset the stopwatch to zero.

Timer

The timer provides a countdown timer for up to 99 hours, 59 minutes, and 59 seconds.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **Timer**.
3. Use the keypad to set the length of the timer.
4. Tap **START** to begin the timer.

Contacts

Store and manage your contacts with the Contacts app, which can be synchronized with a variety of your existing personal accounts, including Google, Email, Facebook, and your Samsung account.

For more information on connecting with and managing your accounts through your device, see Accounts.

Note: The Contacts app is different from the CONTACTS tab in the Phone app. Although both list the contacts in your phone and accounts, the available options and functions are different.

Manage Contacts

Access your list of contacts by using the Contacts app. To access your Contacts list:

► From a Home screen, tap **Apps** > **Contacts**.

Find a Contact

You can search for a contact, or scroll the list to find one by name.

1. From a Home screen, tap **Apps** > Contacts.
2. Tap the **Search** field, and then enter characters to find contacts that match.

   – or –

   Tap a letter on the side of the list to jump directly to that letter in the alphabetical list. You can also press and slide across the alphabetical list to select a letter with better precision.

Add a Contact

Use the following procedure to add a new contact.

1. From a Home screen, tap **Apps** > Contacts.
2. Tap **Create contact**, and then tap contact fields to enter information.
   - Choose a storage account for the contact. You can store the contact on the device, your SIM card, or sync it with an account.
   - Tap **Contact photo** to assign a picture to the new contact.
   - Enter a name, phone number, email address, and assign the contact to a group. Tap **ADD ANOTHER FIELD** to add additional contact information.
     - Tap **Add** to enter additional entries.
     - Tap **Remove** to remove an entry.
     - Tap **Expand** for additional fields.
     - Tap the label to the right of an entry to choose a label for the field (for example, Home or Work).
3. Tap **SAVE**.

Edit a Contact

When editing a contact, you can tap a field and change or delete the information, or you can add additional fields to the contact's list of information.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to display it, and then tap **EDIT**.
3. Tap any of the fields to add, change, or delete information.
4. Tap **SAVE**.

Share a Contact

When you share a contact, the contact's information is sent as a vCard file (.vcf). You can share a vCard via Bluetooth or Wi-Fi Direct, attach it to a message, or save it to a storage location.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **MORE** > **Share contact**.
3. Choose a sharing method and follow the prompts.

Link Contacts

When you have contacts from various sources (Gmail, Facebook, and so on), you may have multiple similar entries for a single contact. Contacts lets you link multiple entries into a single contact.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to display it, and then tap **Link**.
3. Tap **LINK ANOTHER CONTACT**, and then select contact(s) to link to the original contact.
4. Tap **LINK**.

Unlink Contacts

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to display it, and then tap **Link**.
3. Tap **Remove** beside contacts to unlink them from the main contact.

Delete Contacts

You can delete a single contact, or choose multiple contacts to delete.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Touch and hold a contact to select it. You can also tap other contacts, or tap the **check box** at the top of the screen to select all.
3. Tap **DELETE**.

Create a Shortcut to a Contact

You can create a shortcut to a contact on a Home screen to access their information directly from a Home screen.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to view it.
3. Tap **MORE** > **Add shortcut to Home screen**. The new shortcut displays in an empty area of the home screen.

Favorites

When you mark contacts as favorites, they are easily accessible from other apps.

Mark Contacts as Favorites

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Favorite** (the star brightens).

Remove Contacts from Favorites

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Favorite** (the star dims).

Groups

You can use groups to organize your contacts. Your device comes with preloaded groups, and you can create your own. You might create a group for your family, for coworkers, or a team. Groups make it easy to find contacts, and you can send messages to the members of a group.

Create a Group

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap **ADD**.
3. Tap fields to enter information about the group:
   - Tap **[location]** to choose where to save the group. You can save it to a specific account, to the device storage, or to all accounts. Tap the entries to select or unselect them.
   - Tap **Group name** to enter a name for the new group.
   - Tap **Group ringtone** to assign a ringtone to members of the group.
   - Tap **Add member** and select contact(s) to add to the new group, and then tap **DONE**.
4. Tap **SAVE**.

Rename a Group

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap a group.
3. Tap **EDIT** and enter a new name.
4. Tap **SAVE**.

Add Contacts to a Group

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap a group.
3. Tap **EDIT** > **Add member**, and then tap the contacts you want to add. When finished tap **DONE**.
4. Tap **SAVE**.

Send a Message to a Group

You can send a text message to members of a group.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap a group.
3. Tap **MORE** > **Send message**.
4. Tap contacts to select them, or tap the **check box** at the top of the screen to select all, and then tap **DONE**.
   - You will only see group members that have a phone number in their records.
5. Type your message and tap **SEND**.

Send an Email to a Group

You can send an email to members of a group.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap a group.
3. Tap **MORE** > **Send email**.
4. Tap contacts to select them, or tap the **check box** at the top of the screen to select all, and then tap **DONE**.
   - You will only see group members that have an email address in their records.
5. For email, choose an account and follow the prompts.

Delete a Group

Preset groups, such as Family, cannot be deleted.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**.
3. Tap **DELETE**.
   - Tap the group category to open.
   - Tap the groups to select them or tap the **check box** at the top of the screen to select all.
4. Tap **DELETE**.
   - Tap **Group only** to only delete the group, or tap **Groups and members** to delete the groups and the contacts in the groups.

Contact Settings

These settings allow you to modify settings associated with using the Contacts app.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **MORE** > **Settings**.
3. Tap an option and follow the instructions.

Email

Use the Email app to view and manage all your email accounts in one application.

To access Email:

► From a Home screen, tap **Apps** > **Email**.

Configure Email Accounts

You can configure Email for most accounts in just a few steps.

1. From a Home screen, tap **Apps** > **Email**.
2. Follow the instructions to set up your email account.

To add an Email account:

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **MORE** > **Settings** > **Add account**.
3. Enter your email address and password.

The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email appears in the Inbox for the account.

Note: To configure email account settings at any time, tap **MORE** > **Settings**. Tap the email account to display its settings.

View Your Email Accounts

You can view email you receive for all accounts on the Combined view screen, or you can view email accounts individually.

1. From a Home screen, tap **Apps** > **Email**.
2. Tap the **drop-down menu** at the top left of the screen to view the current account mailbox.
3. Tap on the account name to view:
   - **Combined inbox**: View all email in a combined inbox.
   - **[Account Name]**: View email for only one email account.

Manage Your Inbox

There are several tools available from the Inbox screen.

► From a Home screen, tap **Apps** > **Email**.

- Tap a message to read and reply or forward it.
- Tap **SEARCH** to search for key words in your email inbox.
- Tap **MORE** for additional message options like sorting, deleting, sharing and more.

Create and Send an Email

This section describes how to create and send an email using the Email app.

1. From a Home screen, tap **Apps** > **Email** > **Compose**.
2. Tap the **To** field to manually add an email address, or tap **Add Recipient** to select a recipient from Contacts or Groups.
   - If manually entering recipients, enter additional recipients by separating each entry with a semicolon (;). More recipients can be added at any time before the message is sent.
   - If adding a recipient from your Contacts, tap the contact to place a check mark then tap **DONE**. The contact will be placed in the recipients field.
   - Tap **More** to add Cc and Bcc fields.
3. Tap the **Subject** and **Message** fields and use the keypad to enter text.
   - Tap **ATTACH** to add Files, Images, Audio, and more to your email.
   - Tap **MORE** for additional email options.
4. Review your message and tap **SEND**.

Delete Email Accounts

This section describes how to delete an email account.

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **MORE** > **Settings**.
3. Tap the account you want to remove.
4. Tap **REMOVE**. Confirm by tapping **REMOVE** on the prompt.

Email Settings

These settings allow you to modify settings associated with using the Email app.

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **MORE** > **Settings**.
3. Tap an option and follow the instructions.

Galaxy Apps

Samsung Galaxy Apps is a free storefront that provides a quick and easy way to find and download free premium apps that are compatible with your Galaxy device.

To access the Samsung Galaxy Apps website:

► From a Home screen, tap **Apps** > **Galaxy Apps**.

To access Galaxy Essentials:

1. Swipe across the Home screens and locate and tap the **Galaxy Essentials** widget.
2. Follow the instructions to download Galaxy Essentials apps specially chosen from Galaxy Apps.

Note: A Samsung account is required to download apps.

Gallery

View, edit, and manage images and videos.

Note: Some functions described in this section are only available if there are images or videos in the Gallery.

View Images and Videos

Launching Gallery displays available folders. When another application, such as Email, saves an image, a Download folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates a Screenshots folder.

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap the **drop-down menu** in the upper left corner, and then tap an option to choose the way items display.
   - In Albums view, you can create albums to organize your images. In the drop-down menu, tap **Albums**, and then tap **MORE** > **Create album**.
3. Depending on the view mode selected, either tap an image or video to view it, or first tap an album or folder and then tap an image or video.
4. When viewing an image or video, you can scroll left or right to view the next or previous image or video.

Zoom In and Out

Use one of the following methods to zoom in or out on an image:

- Double-tap anywhere on the screen to zoom in or zoom out.
- Spread two fingers apart on any place to zoom in. Pinch the screen to zoom out.

Play Videos

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap a folder or category to open it.
3. Tap a video to view it.
4. Tap **Play** to play the video.
5. Select a player type from the Open with screen.

Trim Segments of a Video

1. Select a video, and then tap the screen once to see the video options.
2. Tap **Editor**, and then tap **Trim**.
3. Use the sliders at the bottom of the screen to trim the video. Move the left bracket to the desired starting point, and then move the right bracket to the desired ending point.
4. Tap **EXPORT** to save the video. Modify the File name or Resolution, and then tap **EXPORT** to save the changes.

Edit Images

1. While viewing an image, tap the screen once to see the image options.
2. Tap **Edit** to view and use the editing tools.

Delete Images

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap a folder or category to open it.
3. Tap **MORE** > **Edit**.
4. Tap images to select them.
5. Tap **DELETE**.

Share Images

Use one of the following methods:

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap a folder or category to open it.
3. Tap **MORE** > **Share**.
4. Tap images to select them, and then tap **SHARE**.
5. Tap a sharing service and follow the prompts to send the image or images.

Internet

Access the Internet with a fully-featured web browser.

To access the Internet:

► From a Home screen, tap **Apps** > **Internet**.

Command Keys

The following command keys are available on the browser window:

- **Back** or **Back** key to return to the previous page.
- **Forward** to go forward to a recent page.
- **Home** to display your Internet Home screen.
- **Bookmarks** to manage bookmarked pages, saved pages, and history.
- **Tabs** to manage open tabs. The number on the icon indicates the number of tabs that are currently open.
- **Refresh** to refresh or reload the current Web page.

View a Web Site

To view a web site:

► Tap the address field, enter the web address, and then tap **Go** on the keyboard.

To zoom in or out:

► Tap the screen twice or pinch the screen to zoom out. Stretch the screen to zoom in.

Browser Tabs

Use tabs to open multiple web pages at the same time.

To open a new tab:

► Tap **Tabs** > **NEW TAB**.

To close a tab:

► Tap **Tabs** and then tap **Close tab**.

Bookmarks Page

The Bookmarks page stores Bookmarks, Saved pages, and History.

Save and Open Bookmarks

Bookmarking a web page saves the web address so that you can access it quickly.

To bookmark the current web page:

1. Tap **Bookmarks** > **ADD**.
2. Type a title for the bookmark and tap **SAVE**.

To open a bookmarked web page:

1. Tap **Bookmarks** > **BOOKMARKS**.
2. Tap a bookmark entry.

Saved Web Pages

Saving a web page stores the web page content on your device so that you can access it offline.

To save the current web page:

► Tap **MORE** > **Save web page**.

To view saved web pages:

1. Tap **Bookmarks** > **SAVED PAGES**.
2. Tap a saved page to open it in the browser.

View History

To view a list of recently visited web pages:

► Tap **Bookmarks** > **HISTORY**.

Share a Web Page

You can share the current web page with others and even print using the Share option.

1. Tap **MORE** > **Share**.
2. Tap a sharing method and follow the prompts.

Secret Mode

Pages viewed in secret mode do not appear within your browser history or search history, and leave no traces (such as cookies) on your device. Secret tabs are a darker shade than the normal tab windows.

Note: Any downloaded files will remain on your device after you close a secret tab.

To open a new secret tab:

► Tap **Tabs** > **MORE** > **New secret tab**.

Internet Settings

These settings allow you to modify settings associated with using the Internet app.

1. From a Home screen, tap **Apps** > **Internet**.
2. Tap **MORE** > **Settings**.
3. Tap an option and follow the instructions.

Messages

Learn how to send and receive different messages using the default messaging app on your phone.

Types of Messages

The messaging app provides the following message types:

- Text Messages (SMS)
- Multimedia Messages (MMS)

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type.

Create and Send Messages

This section describes how to create a send a message using Messages.

1. From a Home screen, tap **Apps** > **Messages** > **Compose**.
2. Tap the **Enter recipients** field to manually enter a recipient or tap **Add Recipient** to select a recipient from your Contacts or Groups.
   - If manually entering recipients, enter additional recipients by separating each entry with a semicolon (;).
   - If adding a recipient from your Contacts, tap the contact to place a check mark, and then tap **DONE**. The contact will be placed in the recipients field.
   - For the Group option, if the number of recipients is less than ten, all members in the group can be added by placing a check mark by the contacts and tapping **DONE**.
3. Tap the **Enter message** field to enter a message.
   - Tap **Attach** to add images, audio, and more to your message.
   - Tap **Add emoticons** to choose an available emoticon from the list and add it to your message (at the cursor location).
4. Review your message and tap **SEND**.

Note: If you exit a message before you send it, the message is automatically saved as a draft.

View New Messages

When you receive a new message, a new message icon appears on the Status bar.

To view the message:

► Open the Notification panel and select the message. For more information, see Notification Panel.

– or –

From a Home screen, tap **Apps** > **Messages**, and then tap the new message to view it.

- To play a multimedia message (audio or video), tap **Play**.
- To scroll through the list of messages, swipe up or down the page.

Delete Messages

To delete messages, follow these steps.

1. From a Home screen, tap **Apps** > **Messages**.
2. Tap **MORE** > **Delete**.
3. Tap each message you want to delete or tap the check box at the top to select all.
4. Tap **DELETE**.

Message Search

You can search through your messages by using the Message Search feature.

1. From a Home screen, tap **Apps** > **Messages**.
2. Tap **SEARCH**.
3. Enter a word or phrase to search for, and then tap **Search** on the keyboard.

Messages Settings

Configure the settings for text messages, multimedia messages, push messages, and so on.

► From a Home screen, tap **Apps** > **Messages** > **MORE** > **Settings**.

Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS) which may also be known as the Personal Localized Alerting Network (PLAN). For more information, please contact your wireless provider.

Emergency alerts allows customers to receive geographically-targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency alert message.

There are three types of Emergency alerts:

- Alerts issued by the President
- Alerts involving imminent threats to safety of life (Extreme and Severe)
- AMBER alerts (missing child alert)

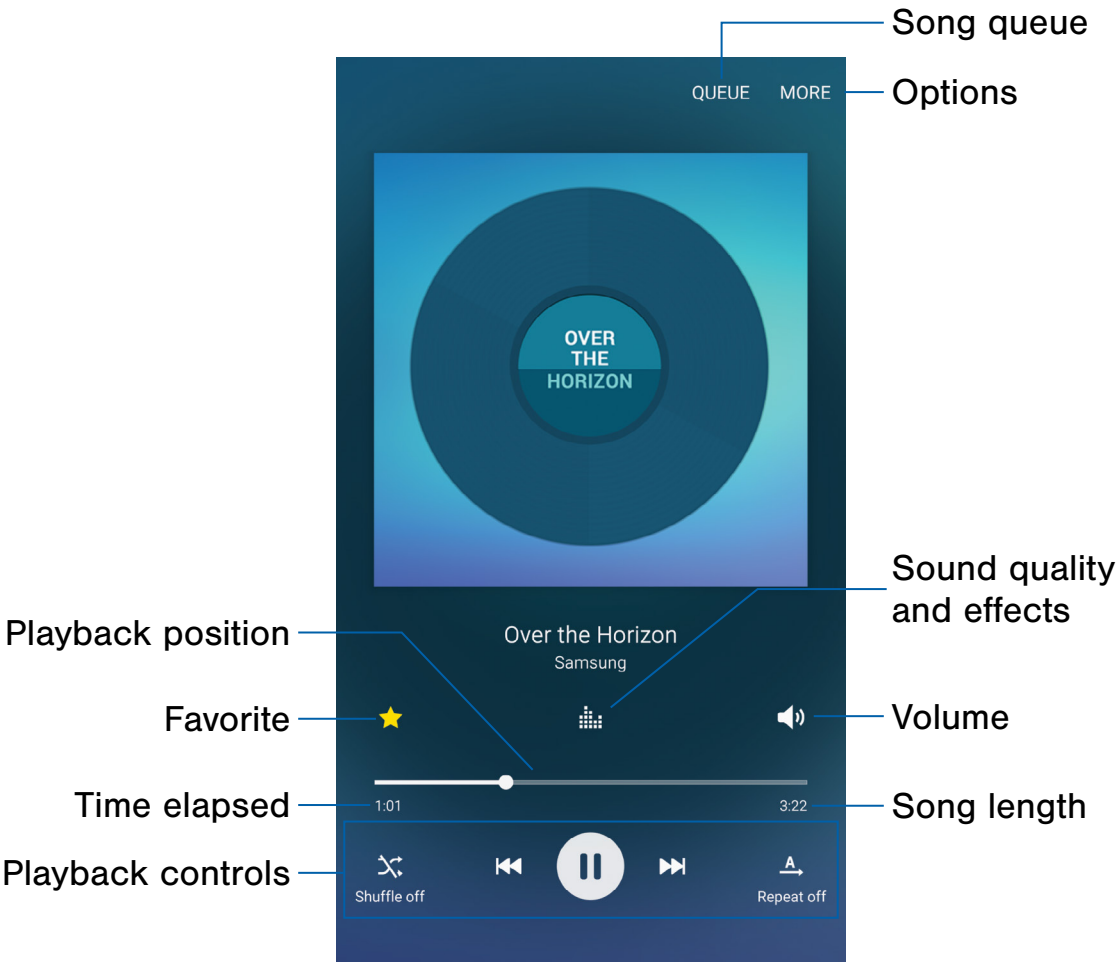
Users may choose not to receive Imminent threats (Extreme and Severe) and AMBER alerts. Alerts issued by the President cannot be disabled.

To disable Imminent threats and AMBER alerts, follow the instructions below:

1. From a Home screen, tap **Apps** > **Messages**.
2. Tap **MORE** > **Settings** > **Emergency alert settings**.
3. Tap **Emergency alerts**.
4. All alerts are enabled by default. Tap an alert option to disable it.
   - You cannot disable Presidential alerts.

Music Player

Listen to your favorite songs with the Music player. Navigate through your music library, play songs, and create customized playlists.



- **Favorite**: Tap to tag this song as a favorite.
- **Options**: Tap to view more options.
- **Playback controls**: Tap the icons to change shuffle or repeat modes, fast-forward or rewind, or play or pause the current song.
- **Playback position**: Drag to skip to another part of the current song.
- **Song length**: View the length of the song.
- **Song queue**: Tap to view the current playlist being played.
- **Sound quality and effects**: Tap for options to adjust sound effects.
- **Time elapsed**: View the time elapsed for the current song.
- **Volume**: Tap to adjust the volume.

Listen to Music

1. From a Home screen, tap **Apps** > **Music.**
2. Tap the **drop-down menu** at the top left of the screen to view your music files.
3. Scroll through the list of songs and tap a song to begin playback.
4. While playing music, use these controls:
   - Tap **Pause** to pause playback. To start playback again, tap **Play**.
   - Tap **Rewind** to move to the previous song. Touch and hold **Rewind** to rewind through the song. Tap **Fast-forward** to move to the next song. Touch and hold **Fast-forward** to move forward through the song.
   - Tap the repeat button to control playback. Choose **Repeat off** to play all songs once. Choose **Repeat all** to repeat all songs. Choose **Repeat 1** to repeat the current song.
   - Tap the shuffle button to control the order songs are played. Choose **Shuffle off** to play songs in the order they appear in the list. Choose **Shuffle on** to play songs in random order.
   - Tap **Favorite** to mark a song as a favorite. Whenever a song is a favorite, the star is bright gold. Favorite songs are included in the Favorites playlist.
   - Tap **Sound effects** to access sound quality and effects settings. For more information, see Sound Quality and Effects.
   - Tap **Volume** to set the volume. You can also set volume by pressing the **Volume** key on the side of the phone.

Note: When you close the Music player, playback will continue in the background, allowing you to listen to music while using other features of your phone. When music is playing in the background, you can access playback controls on the Notification panel.

My Files

Access files stored on your device, including images, videos, songs, and sound clips.

To view files in My Files:

1. From a Home screen, tap **Apps** > **Samsung** folder > **My Files**.
2. Tap a category to view the relevant files or folders.
3. Tap a file or folder to open it.

Manage Files

Files stored in the device are organized into the following groups:

- **Recent files**: View recently accessed files.
- **Category**: Files are grouped into the following categories:
  - **Images**: View image files.
  - **Videos**: View video files.
  - **Audio**: View audio files.
  - **Documents**: View document files.
  - **Download history**: View all apps and files that have been downloaded to the device.
- **Local storage**: View folders and files in their storage locations.
  - **Device storage**: View folders and files located on the device.
- **Cloud storage**: Contains shortcuts to FTP servers or other cloud storage locations that you have added.
  - **Google Drive**: Sign in to view folders and files located in your Google Drive account.

My Files Options

► From a Home screen, tap **Apps** > **Samsung** folder > **My Files**. The following options are available:

- **SEARCH**: Search for a file or folder.
- **MORE**: Tap for the following option:
  - **Show/Conceal hidden files**: Show or conceal hidden files.
- **STORAGE USAGE**: Tap to view memory information for your device.

Note: If a file has been opened, the Recent files category appears, and other options become available under MORE.

Category Options

1. From a Home screen, tap **Apps** > **Samsung** folder > **My Files**.
2. After tapping on a category, the following options are available:
   - **HOME**: Return to the main My Files screen.
   - **SEARCH**: Search for a file in the selected category.
   - **MORE**: Tap for the following options:
     - **Edit**: Select files or folders.
     - **Share**: Select files to share.
     - **Create folder**: Create a folder to categorize files.
     - **Add shortcut**: Add a shortcut to the main My Files screen.
     - **View as**: Change the appearance of the files or folders.
     - **Sort by**: Change the sort order of the files.
     - **Show/Conceal hidden files**: Show or conceal hidden files.

Options for Selected Files and Folders

1. From a Home screen, tap **Apps** > **Samsung** folder > **My Files**.
2. Tap **MORE** > **Edit**.
3. Tap a file or folder to select it, and then select one of these functions:
   - **DELETE**: Delete files or folders.
   - **MORE**: Select one of the following options:
     - **Move**: Move files or folders to another folder.
     - **Copy**: Copy files or folders to another folder.
     - **Rename**: Rename a file or folder. This option only appears when a single file or folder is selected.
     - **Add shortcut on Home screen**: Add a shortcut the Home screen.
     - **Compress**: Create a zip folder containing the selected files. This option only appears in Local Storage categories. A selected zip folder has the additional options of Extract and Extract to current folder.
     - **Details**: View details of the selected file(s) or folder(s).

S Health

Use S Health to plan, track, and manage your health goals and activities, including exercise, sleep, and meals.

Note: This device and related software are not intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment or prevention of disease.

1. From Home, tap **Apps** > **S Health**.
2. Read and accept the terms and conditions.
3. Set up your health profile and goals.

Before You Start Exercising

This app can be used to monitor your exercise. While moderate physical activity, such as brisk walking, is safe for most people, health experts suggest that you talk with your doctor before you start an exercise program, particularly if you have any of the following conditions:

- Heart disease;
- Asthma or lung disease;
- Diabetes, or liver or kidney disease;
- Arthritis.

You should also check with your doctor if you have symptoms suggestive of heart, lung, or other serious disease, such as:

- Pain or discomfort in your chest, neck, jaw, or arms during physical activity;
- Dizziness or loss of consciousness;
- Shortness of breath with mild exertion or at rest, or when lying down or going to bed;
- Ankle swelling, especially at night;
- A heart murmur or a rapid or pronounced heartbeat;
- Muscle pain when walking upstairs or up a hill that goes away when you rest.

Finally, the American College of Sports Medicine recommends that you see your doctor before engaging in vigorous exercise if two or more of the following apply:

- You are a man older than age 45 or a woman older than age 55;
- You have a family history of heart disease before age 55;
- You smoke or quit smoking in the past six months;
- You have not exercised for three months or more;
- You are overweight or obese;
- You have high blood pressure or high cholesterol;
- You have impaired glucose tolerance, also called prediabetes.

When in Doubt—Check It Out

If you are unsure of your health status, have several health problems, or are pregnant, you should speak with your doctor before starting a new exercise program. Working with your doctor ahead of time is a good way to plan an exercise program that is right and safe for you. Consider it the first step on your path to physical fitness.

S Note

The S Note app helps you create, edit, and manage all the notes on your device.

Sign in to your Samsung account to access your notes in S Note from any device.

With S Note, create content by typing, writing, drawing, and even recording voice, video, or taking pictures. Templates are provided to make content creation easy and help keep things organized.

Create a Note

To create a note with S Note:

1. From a Home screen, tap **Apps** > **S Note**.
2. Tap the **Create new note**.
3. Use the S Pen to create content.
   - Tap **MORE** > **Background settings** to add templates, change the background color, and add images.
4. Tap **SAVE**.

Note Tools

When creating or editing a note in S Note, some helpful modes and tools are provided.

Note: To use your finger to write and draw on S Notes, tap **MORE** > **Settings** > **S Pen only mode** to disable this restriction.

- **Pen**: Write or draw freehand with the S Pen. Tap once to change the Pen settings.
  - Tap **Favorite pens** to save pen settings at the bottom of the screen.
- **Eraser**: Erase content from the note. Tap once to select the eraser. Tap again to change the Eraser settings.
- **Text**: Type text using the keyboard. Tap once to select Text mode.
- **Undo**: Undo the last action.
- **Redo**: Redo the last action.
- **SAVE**: Name and save the note.
- **MORE**: View more options for the note.

Edit a Note

To edit an S Note:

1. From a Home screen, tap **Apps** > **S Note**.
2. Tap a note to view it.
3. Tap **EDIT** to edit the note.
4. When finished, tap **SAVE** to save edits.

Note: Action memos behave differently from other notes. When you tap on an Action memo to view it, you can edit the memo immediately.

View Action Memos

You can view S Notes and Action memos together, or you can narrow your view to Action memos.

To view Action memos in S Note:

1. Tap the **drop-down menu** and tap **Action memos**.
   - Tap **SEARCH** to search for keywords and phrases in action memos.
2. Tap **MORE** for additional options:
   - **Share**: Select action memos to share.
   - **Edit**: Select memos to delete, export, or save as an S Note.
   - **Filter by color**: Sort memos according to their background color.
   - **Settings**: Customize S Note settings.
   - **Help**: View help topics on how to use S Note.

S Voice

Speak commands to perform operations on your device, and to speak criteria for searches and other operations.

Access S Voice

1. From a Home screen, tap **Apps** > **S Voice**.
2. Speak a command.
3. Tap **Microphone** if the device does not hear you, or to give it another command.

Tip: Tap **Help** for example commands and to view a tutorial.

S Voice Settings

These settings allow you to modify settings associated with using the S Voice app.

1. From a Home screen, tap **Apps** > **S Voice**.
2. Tap **Settings**.
3. Tap an option and follow the instructions.

Samsung Pay

Introducing a better way to pay.

Samsung Pay is accepted at more places than any other mobile payment service out there, from the grocery store to the coffee shop to your favorite department store. It's secure, easy to set up and simple to use with your latest Samsung Galaxy device. With the widest acceptance of any mobile payment service, Samsung Pay brings us closer than ever to a world without wallets.

To access Samsung Pay:

► From a Home screen, tap **Apps** > **Samsung Pay**.

Pay in More Places

Use Samsung Pay at your favorite places. It is accepted nearly anywhere you can swipe a credit card or self-pay. Samsung Pay is the only mobile payment system to work in 90% of U.S. retail locations, with more being added every day.

Simple to Set up and Use

From registering your cards to making a purchase, using Samsung Pay is easy. When it's time to pay, just launch the app, hold your Samsung device near the credit card terminal and authorize it with the touch of your finger. It's simple, secure and fast, so you can get on with your day.

Secure Your Information

Samsung Pay is designed with the latest security technology and works on the most recent Samsung Galaxy devices. Payments are authorized with your fingerprint, and each transaction uses a unique token each time, so your phone only allows payments with your consent. If your phone is ever lost, you can use the Find My Mobile function to remotely wipe your data for even more protection.

For more information, see samsung.com/SamsungPay.

For support, see samsung.com/us/support/owners/app/samsung-pay

Scrapbook

The Scrapbook app provides a place for you to manage the multimedia content you capture with the S Pen tools.

Scrapbook provides storage and organization tools for content you capture while using your mobile device.

With the S Pen tools, you can capture articles, images, and even videos and music. You can then add a title, text, a handwritten memo, or content tags. When you capture content online, the web link is saved with the content.

Edit the Scrapbook

Categories and content files in the Scrapbook can be edited. To open the Scrapbook:

► From a Home screen, tap **Apps** > **Samsung** folder > **Scrapbook**.

You can edit both Categories and the content files within them.

To edit a file:

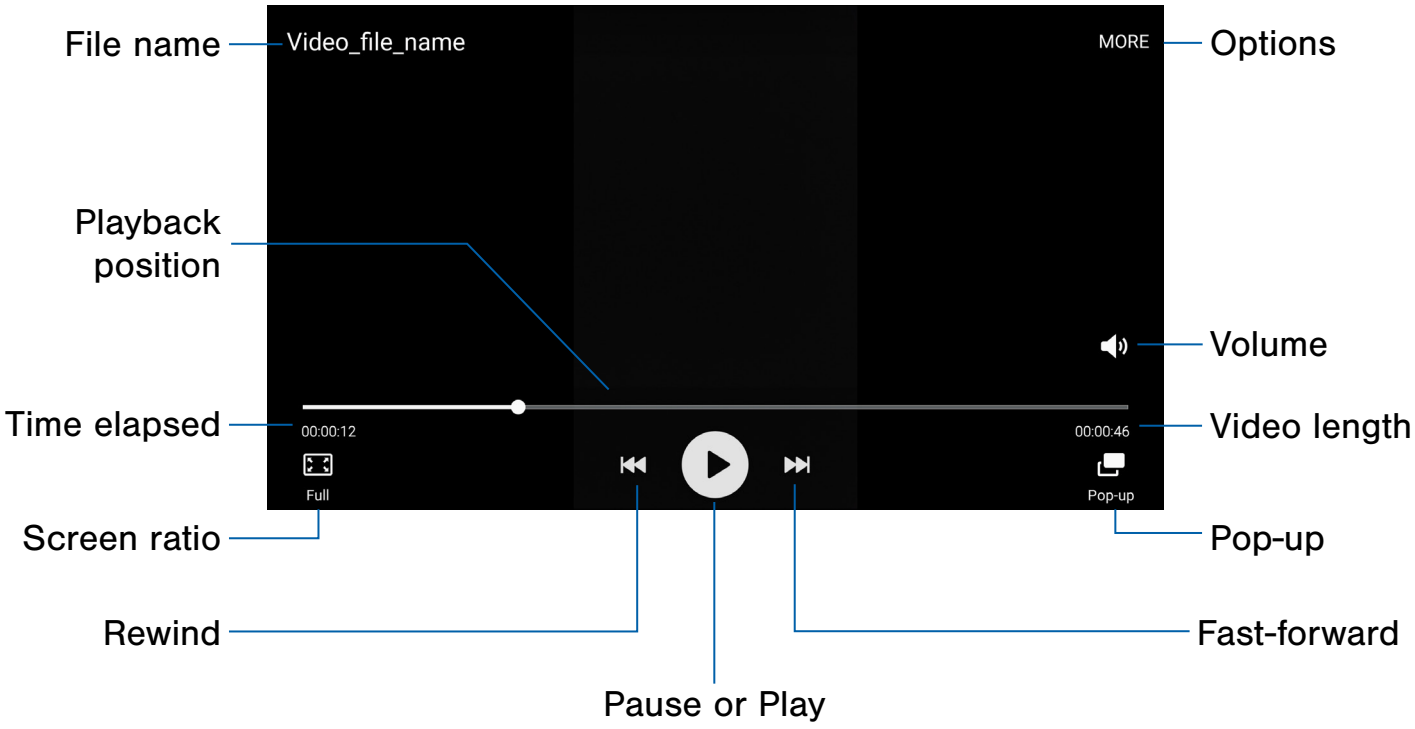
1. Tap the **drop-down menu** in the top left corner.
2. Select either the category or tag that contains the file to edit.
3. Tap the file to edit.
4. Tap **EDIT** to change the Title, Text, or Tag as desired.
5. When finished, tap **SAVE**.

To edit categories:

1. From a Home screen, tap **Apps** > **Samsung** folder > **Scrapbook**.
2. Tap **MORE** > **Manage categories**.
   - Tap **ADD** to create a new category.
   - Tap **Remove** to delete a category.
3. When you are finished tap **Back**.

Video Player

Play and manage videos stored on your device.



- **Fast-forward**: Tap to skip to the next video. Touch and hold to move forward through the current video.
- **File name**: Customize the name of the video file.
- **Options**: Tap to view more options.
- **Pause or Play**: Tap to pause or play the current video.
- **Playback position**: Drag to skip to another part of the video.
- **Pop-up**: Tap to open the video in the pop-up window.
- **Rewind**: Tap to restart the video or skip to a previous video. Touch and hold to rewind back through the video.
- **Screen ratio**: Change the screen ratio.
- **Time elapsed**: View the time elapsed for the current video.
- **Video length**: View the total length of the video.
- **Volume**: Adjust the volume.

Access the Video Player

1. From a Home screen, tap **Apps** > **Video**.
2. Scroll through the videos stored on your device. After a few seconds, each video thumbnail begins playing a preview of the clip.
3. Tap a video to view it.

Use Pop-up

Multitask with Pop-up by transforming your video player into a pop-up window. The video will continue to play, and the pop-up can be resized or moved anywhere on the screen.

1. From a Home screen, tap **Apps** > **Video**.
2. Tap a video to view it.
3. Tap **Pop-up** to continue playing the video in a floating window.
   - Drag the window to any location on the screen.
   - Use two fingers to pinch or spread to resize the floating window.
   - Tap **Expand** to return to full screen.

Change the Video Screen Size

You can change the size of the video during video playback.

1. From a Home screen, tap **Apps** > **Video**.
2. Tap a video to view it.
3. Tap the screen ratio icon to cycle through the screen size options:
   - **Full**: The entire screen is used, which may cause some minor distortion.
   - **Keep ratio**: The video is enlarged to fit the screen without becoming distorted.

Voice Recorder

Record voice memos and notes.

Create a Voice Recording

► From a Home screen, tap Apps > **Samsung** folder > **Voice Recorder**.

- Tap the **drop-down menu** in the upper left corner to choose the appropriate recording mode:
  - **Standard**: This recording mode picks up any sounds detected by the microphones.
  - **Interview**: The top and bottom microphones are used for two-directional recording. The top and bottom of the device pick up equal amounts of sound. Microphones can be muted during playback.
  - **Voice memo**: Voice input is converted to text on screen. The maximum recording time is five minutes.
- Tap **Record** to record an audio file.
- Tap **Stop** to stop recording. The file is automatically saved.
- Tap **Pause** to pause the recording of an audio file.
- Tap **Bookmark** to bookmark a position in the recording for later reference.
- While recording, tap **MORE** > **Turn on Call rejection** to reject incoming calls during a recording.

Manage Recordings

Play, edit, delete, and share recordings.

1. From a Home screen, tap **Apps** > **Samsung** folder > **Voice Recorder**.
2. Tap **Recordings**.
3. Tap a recording to play it back.
4. Tap **MORE** for additional options:
   - **Edit**: Tap to select recordings. Once selected, the following options are available:
     - **DELETE**: Delete the recording.
     - **MORE**: Tap to either **Rename** the file or **Write to Voice Label** (which writes the recording to an NFC voice label).
   - **Share**: Tap to select recording files, and then tap **SHARE** to select a sharing method.
   - **Search**: Tap to search for a recording.
   - **Bookmarks**: Tap to view bookmarked recordings.

Settings

Configure your device's connections and settings, add accounts, and customize the home screen, apps, and features.

Some options use an **ON/OFF** button to turn the option on (

) or off (

).

For some options, you must tap a field, such as **Email address**, to display and set options.

Some options are enabled or disabled by tapping a ☑ check box. When enabled, a check mark displays. Tap the check mark to remove it and disable the option.

How to Use Settings

Access Settings

► From a Home screen, tap **Apps** > **Settings**.

– or –

From a Home screen, drag down from the Status bar to display the Notification panel, and then tap **Settings**.

Categories of Settings

Settings are grouped in to four categories.

- **QUICK SETTINGS**: Add shortcuts to settings you use often.
- **CONNECTIONS**: Wi-fi, Bluetooth, VPN, Mobile networks, and other connections.
- **DEVICE**: Display, Sounds and notifications, and other device settings.
- **PERSONAL**: Accounts, Lock screen and security, and other personal settings.
- **SYSTEM**: Language and input, Date and time, Battery, Storage, and other system settings.

Search for Settings

If you are not sure exactly where to find a certain setting, you can use the Search feature.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **SEARCH**.
   - Enter a word or words in the Search field. As you type, settings that match will appear on the screen.
   - Tap an entry to go to that setting.

Customize the Quick Settings Menu

Quick settings are the settings that you are most likely to frequently use. When you first access the Settings menu, the Quick settings are set to a default list of settings.

Change the Quick Settings

You can change the Quick settings list to include your most frequently used settings.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **MORE** > **Edit quick settings**.
   - Select additional settings to appear in your Quick settings menu. Settings that are already in the Quick settings menu are checked.
   - Uncheck a setting to remove it from the Quick settings list.
3. Tap **Back** to save your new Quick settings menu.

Wi-Fi

Wi-Fi is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to a Wireless Access Point (WAP).

Wi-Fi Direct creates a direct connection between two or more devices using Wi-Fi.

Turn Wi-Fi On or Off

Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on or off.

Wi-Fi Status Indicators

Status bar icons show your current Wi-Fi connection status:

- When Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP), displays.
- If a Wi-Fi access point is available, but your device is not connected to it, displays. It may also display if there is a communication issue with the target Wireless Access Point (WAP).

Scan and Connect to a Wi-Fi Network

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on. When Wi-Fi is turned on, your device will automatically scan for available networks and display them.
3. Tap the network you want to connect to. When you select an open network, you are automatically connected to the network. Otherwise, enter a password to connect.

Manually Connect to a Wi-Fi Network

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.
3. Tap **MORE** > **Add network**.
4. Enter information about the Wi-Fi network:
   - Tap **Enter network name** to enter the name of the Wi-Fi network.
   - Tap the **Security** field and select a security option and enter your password.
   - Tap **Show advanced options** if you need to add advanced options such as IP settings and Proxy settings.
5. Tap **CONNECT** to store the new information and connect to your target WAP.

Wi-Fi Options

The Wi-Fi settings menu allows you to set up many of your device's advanced Wi-Fi services.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.
3. Tap **MORE** for options:
   - **Add network**: Manually add a Wi-Fi network.
   - **WPS push button**: Set up a connection to a WPS (Wi-Fi Protected Setup) router or other equipment.
   - **WPS PIN entry**: View the PIN used by your device to set up a PIN-secured connection to a Wi-Fi router or other equipment (not configurable).
   - **Smart network switch**: Connect automatically to a mobile network connection when the Wi-Fi connection is unstable.
   - **Advanced**:
     - **Network notification**: Receive a notification when new Wireless Access Points (WAPs) are available.
     - **Passpoint**: Connect to passpoint-enabled Wi-Fi Access Points automatically.
     - **Keep Wi-Fi on during sleep**: Specify when to disconnect from Wi-Fi.
     - **Always allow scanning**: Allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
     - **Auto connect**: Automatically connect to an AT&T Wi-Fi Hotspot as soon as your phone detects it.
     - **Install network certificates**: Install authentication certificates.
     - **MAC address**: View your device's MAC address, which is required when connecting to some secured networks (not configurable).
     - **IP address**: View your device's IP address (not configurable).
   - **Help**: Learn about setting up and using Wi-Fi networks, and other settings.

Wi-Fi Direct

Wi-Fi Direct allows direct device-to-device connections via Wi-Fi, without having to connect to a Wi-Fi network.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on. Wi-Fi must be on to configure settings.
3. Tap **Wi-Fi Direct**. Your device automatically scans for nearby Wi-Fi Direct devices.
4. After scanning for devices, select a device, and then follow the prompts to complete the connection.

Wi-Fi Direct Status Indicator

When your device is connected to another device using Wi-Fi Direct, displays in the Status bar.

Bluetooth

Bluetooth is a short-range communications technology that connects your phone wirelessly to a number of Bluetooth devices, such as headsets and hands-free car Bluetooth systems, and Bluetooth-enabled computers, printers, and wireless devices.

Note: The Bluetooth communication range is approximately 30 feet.

Turn Bluetooth On or Off

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn Bluetooth on or off.

Bluetooth Status Indicator

When Bluetooth is turned on, displays in the Status bar.

Scan for Bluetooth Devices

When you want to pair with another Bluetooth device, you can scan for nearby devices that are visible.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn on Bluetooth.
3. When Bluetooth is first turned on, it scans for nearby Bluetooth devices and displays them.

Pair Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device.

Pairing between two Bluetooth devices is a one-time process. Once a pairing is created, the devices will continue to recognize their partnership and exchange information without having to re-enter a passcode.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn on Bluetooth.
   - Make sure that the target device is discoverable so that your device can find it. Refer to the instructions that came with the device to find out how to set it to discoverable mode.
3. When you see the name of the target device displayed in the Bluetooth devices section, tap the name. Your device then automatically tries to pair with the target device. If automatic pairing fails, enter the passcode supplied with the target device.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

Rename a Paired Device

Once you have paired your phone to another device, you can rename the paired device to make it easier to recognize.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn on Bluetooth.
3. From the Bluetooth settings page, tap **Settings** next to the previously paired device, and then tap **Rename**.
4. Enter a new name, and tap **RENAME**.

Delete a Paired Device (Unpair)

When you unpair from a Bluetooth device, the two devices will no longer recognize each other. To connect again, you will need to pair the devices.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn on Bluetooth.
3. From the Bluetooth settings page, tap **Settings** next to the paired device, and then tap **Unpair** to delete the paired device.

Airplane Mode

Airplane mode disconnects your device from all networks and turns off connectivity features, such as phone calls and Wi-Fi.

While in airplane mode, you can use other features such as playing music, watching videos, and other online applications.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS**.
2. Tap **Airplane mode**, and then tap **ON/OFF** to enable or disable the option.

Note: You can also enable Airplane mode from the Device options menu. Press and hold the **Power** key, and then tap **Airplane mode**.

Mobile Hotspot and Tethering

Use Mobile Hotspot to share your device's Internet connection with other devices using your device as a portable Wi-Fi Hotspot.

Share your device's Internet connection with a computer that connects to your device using a USB cable.

Use Your Device as a Portable Wi-Fi HotSpot

Note: You must have a tethering plan on your service account in order to use Mobile Hotspot.

Warning: Mobile Hotspot consumes battery power and uses data service.

Turn Mobile HotSpot On or Off

Activate Mobile HotSpot to allow other devices to use your device's Internet connection.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **Mobile Hotspot and Tethering** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn Mobile Hotspot on or off.

Warning: By default, Mobile Hotspot has no security applied, and any device can connect. For more information, see Configure Mobile Hotspot Settings.

Connect a Device to Your Mobile Hotspot

Use the other device's Wi-Fi control to connect to Mobile HotSpot.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **Mobile Hotspot and Tethering** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn on Mobile Hotspot.
3. Activate Wi-Fi on the target device.
4. Scan for Wi-Fi hotspots and select the target device from the list.
5. On the target device, enter your device's Mobile Hotspot password.

Allowed Device List

Control whether devices connect to Mobile Hotspot with the Allowed device list. After you add devices to the list, they can scan for your device and connect using your device's Mobile Hotspot name and password.

Note: Using your device as a Mobile Hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your device's applications will use the Mobile Hotspot data service. Roaming while using your device as a Mobile Hotspot will incur extra data charges.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **Mobile Hotspot and Tethering** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn on Mobile Hotspot.
3. Tap **MORE** > **Allowed devices**, and then tap **ADD** to enter the other device's Device name and MAC address.
4. Tap **OK** to add the device.

Change the Mobile Hotspot Password

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **Mobile Hotspot and Tethering** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn on Mobile Hotspot.
3. Tap **MORE** > **Configure Mobile Hotspot**.
4. Tap the **Security** field and select WPA2 PSK.
5. Swipe down and enter a new password in the **Password** field.

Configure Mobile Hotspot Settings

Manage your Mobile Hotspot security and connecting settings.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **Mobile Hotspot and Tethering** > **Mobile Hotspot**.
2. Tap **MORE** > **Configure Mobile Hotspot**:
   - **Network name**: View and change the name of your Mobile Hotspot.
   - **Hide my device**: Make your Mobile Hotspot invisible to other Wi-Fi devices during a scan. Other devices can still connect to your Mobile Hotspot, but will have to set up the connection manually with your Network SSID and Password.
   - **Security**: Choose the security level for your Mobile Hotspot.
   - **Password**: If you choose a security level that uses a password, enter the password. By default, the password is your device's phone number.
     - Scroll down to view all options.
   - **Show password**: Display your password instead of masking it.
   - **Show advanced options**: Access advanced options, including Broadcast channel, and to specify the channel your device uses for Mobile Hotspot.

Turn Off Mobile Hotspot Automatically

Set your device to automatically turn off Portable Wi-Fi hotspot if there are no connected device.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **Mobile Hotspot and Tethering** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn on Mobile Hotspot.

   Tap **MORE** > **Timeout settings** and select an amount of time.

Use USB Tethering to Connect Your Device to a Computer

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **Mobile Hotspot and Tethering**.
2. Connect the computer to the device using the USB cable, and then tap **USB tethering** to turn tethering on.

Data Usage

Monitor your mobile data usage.

Note: Your service provider may account for data usage differently.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **Data usage** for options:
   - **Mobile data**: Enable mobile data. You can also control Mobile data at the Notification panel.
   - **International Data Roaming**: Enable data roaming on your device.
   - **Set mobile data limit**: Your mobile data connection will be turned off when the specified limit is reached.
   - **Data usage cycle**: Tap the drop-down menu, and then choose a time period for data usage. Data usage for the period displays on the graph, along with usage by application below.
   - **By application**: View data usage by application.
2. Tap **MORE** for the following options:
   - **Restrict background data**: Restrict some apps and services from working unless you are connected to a Wi-Fi network.
   - **Show Wi-Fi usage**: Display a Wi-Fi tab that shows Wi-Fi usage.
   - **Restrict networks**: Select Wi-Fi networks that are mobile hotspots. You can restrict apps from using these networks, and you can configure apps to warn you before using these networks for large downloads.
   - **Help**: View help topics on how to check and limit your data usage.

Mobile Networks

Control your device's access to networks and mobile data service.

► From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **Mobile networks** for options:

- **Mobile data**: Allow your device to connect to a mobile data network.
- **International Data Roaming**: Allow your device to connect to data services while roaming. Significantly higher charges may result.
- **Access Point Names**: Select the Access Point Name for mobile connection to the Internet.
- **Network operators**: Choose available and preferred networks

NFC and Payment

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for features like Android Beam.

To activate NFC:

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **NFC and payment**.
2. Tap **ON/OFF** to turn NFC on.

Android Beam

When Android Beam is activated, you can beam app content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **NFC and payment**.
2. Tap **ON/OFF** to turn NFC on.
3. Tap **Android Beam**, and tap **ON/OFF** to turn Android Beam on.
4. Touch the back of your device with another NFC-capable device and the content is transferred.

Tap and Pay

Tap and pay allows you to select the default payment application you want to use for making purchases on your phone.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **NFC and payment**.
2. Tap **ON/OFF** to turn NFC on.
3. Tap **Tap and pay**.
4. Select the app that you want as your default.

More Connection Settings

This option displays additional connectivity information.

Printing

Print images and documents to Samsung printers and other compatible printers (not included).

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **More connection settings** > **Printing**.
2. Tap a print service and follow the prompts.

Note: Tap **Download plug-in** to install additional print service drivers.

MirrorLink

Mirror your device's display on your car's entertainment and information screen using a USB connection.

Note: To use this feature, your car system must support MirrorLink.

To turn on MirrorLink:

1. Connect your device to your car's system using the USB cable.
2. On your device's Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **More connection settings** > **MirrorLink**.
3. Tap **Connect to vehicle via USB** and follow the instructions.

Virtual Private Networks (VPN)

Set up and manage your Virtual Private Networks (VPNs).

Note: You must set a secured screen before setting up a VPN. For more information, see Lock Screen and Security.

Add a VPN

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **More connection settings** > **VPN**.
2. Tap **Basic VPN** or **Advanced IPsec VPN**.
3. Tap **MORE** > **Add VPN** and follow the prompts to set up your VPN.

Connect to a VPN

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **More connection settings** > **VPN**.
2. Tap **Basic VPN** or **Advanced IPsec VPN**.
3. Tap the VPN, enter your log in information, and tap **CONNECT**.

Edit or Delete a VPN

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **More connection Settings** > **VPN**.
2. Tap **Basic VPN** or **Advanced IPsec VPN**.
3. Touch and hold the VPN that you want to edit or delete.

Default Messaging App

If you have multiple messaging apps installed, you can select which app should be your default messaging app.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **More connection settings**.
2. Tap **Default messaging app** to select a default.

Reset Network Settings

Reset network settings if you are having connectivity issues. This will restore the default settings, and any saved Wi-Fi networks or Bluetooth connections will be deleted.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** > **More connection settings**.
2. Tap **Reset network settings**.
3. Tap **RESET SETTINGS** to restore default settings.

Sounds and Notifications

Configure the sounds and vibrations used to indicate notifications, screen touches, and other interactions.

Change the Sound Mode

You can switch between sound modes, while preserving the individual sound settings you have made.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **Sound mode**, and then choose a mode:
   - **Sound**: Use the sounds, vibrations, and volume levels you have chosen in Sound settings for notifications and alerts.
   - **Vibrate**: Vibrate for notifications and alerts. This uses the Vibration intensity you choose in Sound settings.
   - **Mute**: Mute all sounds and notifications.

Adjust the Volume

Set the system volume level and default volume for call ringtones, notifications, and other audio.

Tip: You can also set the Ringtone volume from the Home screen by pressing the **Volume** key.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **Volume**.
3. Drag the sliders to set the default volume for:
   - Ringtone
   - Media
   - Notifications
   - System

Ringtones and Sounds

Select a Default Ringtone

Choose from preset ringtones or add your own.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **Ringtones and sounds** > **Ringtone**.
3. Tap a ringtone to hear a preview and select it.

   – or –

   Tap **Add ringtone** to use an audio file as a ringtone.

Change the Notification Sound

Choose a sound for notifications, such as for new messages and event reminders.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **Ringtones and sounds** > **Default notification sound**.
3. Tap a sound to hear a preview and select it.

Set Notification Sounds for Samsung Applications

Choose notification alerts for new messages, calendar events, and email.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **Ringtones and sounds**, and tap to configure each option:
   - **Messages notifications**: Configure message notifications and alerts.
   - **Calendar notifications**: Configure event notifications.
   - **Email notifications**: Configure email account notifications.

System Sounds

Set various other system sound options.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **Ringtones and sounds**, and tap to enable each option:
   - **Touch sounds**: Play tones when you touch or tap the screen to make selections.
   - **Dialing keypad tone**: Play tone when the dialing keypad is tapped.
   - **Screen lock sounds**: Play a sound when you unlock the screen.
   - **Keyboard sound**: Play a sound when the Samsung keyboard is tapped.

Vibrations

Set the amount of vibration for incoming calls, notifications, and haptic feedback.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **Vibrations**.
   - Tap **Vibration intensity** and move the sliders to change the amount.
   - Tap **Vibration pattern** to choose a pattern.
   - Tap **ON/OFF** to enable each option.
     - Vibrate while ringing
     - Vibration feedback
     - Keyboard vibration

Sound Quality and Effects

Note: Sound effects are only available when headphones or a compatible Bluetooth headset is connected.

Choose from advanced sound options to customize your audio experience.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **Sound quality and effects**.
3. Tap **Adapt Sound** and follow the prompts to customize your sound settings.
4. Tap **ON/OFF** to enable each option:
   - **UHQ Upscaler**: Enhance the sound resolution of music and videos for a clearer listening experience.
   - **SoundAlive+**: Recreate the effects of rich surround sound.
   - **Tube Amp Pro**: Simulate the soft timbre of a tube amplifier.

Do Not Disturb

This setting allows you to block all notifications and alerts. The options below determine what notifications can make sounds, and during what time periods you want to enter this mode.

To activate Do not disturb mode:

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **ON/OFF** by **Turn on now** enable this option.

Scheduling

This option allows you to turn Do not disturb mode on and off automatically at scheduled times.

Note: Scheduling is not available if Do not disturb mode has been turned on manually.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **ON/OFF** by **Turn on as scheduled**, and set the Days, Start time, and End time.

Allow Exceptions

This option lets you customize what notifications are allowed while your phone is in Do not disturb mode.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **Allow exceptions**, and tap **ON/OFF** to enable the exceptions you want to allow.

App Notifications

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **App notifications** and choose an app to enable notifications.

LED Indicator

Light up the LED indicator when charging, voice recording, or receiving notifications.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Sounds and notifications** > **LED indicator** to enable this feature.

Display

Configure your display's brightness, screen timeout delay, and other display settings.

Adjust the Screen Brightness

Adjust the screen brightness to suit your surroundings or personal preference. You may also want to adjust screen brightness to conserve battery power.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Display**.
2. Under Brightness:
   - Tap **Auto** to allow the device to adjust brightness automatically.
   - To set a custom brightness level, drag the **Brightness** slider.

Note: You can also control Brightness from the Notification panel. Drag the Status bar down from the top of the screen to find the Brightness option.

Change the Font Style and Size

You can set the font style and size for all text that displays on the screen.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Display**.
2. Tap **Font** to choose a font style and font size.
   - Drag the slider to adjust the font size.
   - Tap a font style to select a font, or tap **Download fonts** to find new fonts from Galaxy Apps.
3. Tap **DONE** to set the font size and style.

One-Handed Operation

Change the screen layout to accommodate operating your device with one hand.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Display**.
2. Tap **One-handed operation** and tap to enable options:
   - **Reduce screen size**: Press the **Home** key three times in quick succession to reduce the size of the display.
   - **One-handed input**: Adjust the size and position of the keyboard and other input methods for easier use with one hand.

Set the Screen Timeout

Choose how long the display screen remains lit after you tap the screen or press any key.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Display**.
2. Tap **Screen timeout** and choose a time period.

Smart Stay

Using the front camera to detect your face, the screen will not time out as long as you are facing the screen.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Display**.
2. Tap **Smart stay**, and tap **ON/OFF** to turn the feature on.

Select a Screen Mode

Choose a screen mode to match your type of viewing. You can choose to have the device automatically adapt the display depending on the type of image being displayed, and other criteria such as battery level.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Display**.
2. Tap **Screen mode** and choose a screen mode:
   - Tap **Adaptive display** if you want your device to automatically optimize the display to match the type of image displayed and other criteria, such as battery level.

     – or –

     Choose a specific type of screen mode based on what your are viewing.

Touch Key Light Duration

Set the length of time **Recent** and **Back** remain lit after you touch them.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Display**.
2. Tap **Touch key light duration** to choose a timeout period.

Daydream (Screen Saver)

The Daydream setting controls what the screen displays when the device is docked (dock not included), or while charging. You can choose to display colors, or display photos stored on your device.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Display**.
2. Tap **Daydream** > **ON/OFF** to turn Daydream on.
3. Configure options:
   - **Colors**: Tap the selector to display a changing screen of colors.
   - **Photo Table**: Display pictures in a photo table. Tap **Settings** for options.
   - **Photo frame**: Display pictures in a photo frame. Tap **Settings** for options.
   - **Photos**: Display pictures from your Google Photos account. Tap **Settings** for options.
4. Tap **MORE** for additional options:
   - **Preview**: See a demonstration of Daydream.
   - **Select when to daydream**: Select when your phone can go into daydream mode.

S Pen Settings

Configure options and settings for the S Pen.

To configure settings for the S Pen:

► From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **S Pen**.

– or –

From Air command tap **Settings**.

The following options are available:

General

- **Air command**: Turn the Air command feature on.
- **Air view**: Turn the Air view feature on.
- **Direct pen input**: Turn the Direct pen input feature on. This feature allows you to switch from the keyboard to the S Pen when filling in form fields.
- **Pointer**: Turn the pointer on. The pointer appears on the screen when the tip of the S Pen is hovering close enough. Holding the pointer over some features can reveal what an item is or what it does.
- **Screen off memo**: Create action memos by detaching the S Pen while the screen is off and writing on the screen.
- **S Pen alerts**: Tap the check box to set your device to sound an alert and show a pop-up if you forget to attach the S Pen and walk away from it with your device.
- **Turn off pen detection**: Turning off pen detection when the pen is attached can extend battery life.

Feedback

- **S Pen sound**: Tap the check box to enable sounds when writing with the S Pen.
- **S Pen vibration**: Activate vibration feedback when writing with the S Pen.

For more information on using the S Pen, see S Pen.

Motions and Gestures

Control certain device actions by picking up the phone and by touching the screen with the palm of your hand.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE**.
2. Tap **Motions and gestures**.
3. Tap **ON/OFF** to enable each of the following:
   - **Direct call**: Call the contact whose call log, message, or contact details are currently on the screen by bringing the device close to your ear.
   - **Smart alert**: Set the device to vibrate when you pick it up to notify you about missed calls and messages.
   - **Mute**: Mute sounds and video by covering the screen or turning over the device.
   - **Palm swipe to capture**: Capture an image of the screen when you sweep your hand left or right across the screen.

Applications Settings

Manage settings for applications on your phone.

Application Manager

You can download and install new applications on your device. Use Application manager settings to manage your downloaded and preloaded applications.

Warning: Because this device can be configured with system software not provided by or supported by Google or any other company, you operate such software at your own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Applications** > **Application manager**.
2. Swipe across the screen to display DOWNLOADED, RUNNING, or ALL to display memory usage for that category of applications.

Downloaded

Displays apps you have downloaded onto your device.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Applications** > **Application manager**.
2. Tap **DOWNLOADED** to view a list of all the downloaded applications on your device.
   - To switch the order of the DOWNLOADED list, tap **MORE** > **Sort by size** or **Sort by name**.
   - To reset all of your application preferences, tap **MORE** > **Reset app preferences**.
3. Tap an application to view and update information about the application, including memory usage, default settings, and permissions. The following options are displayed:
   - **FORCE STOP**: Stop an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
   - **UNINSTALL/UNINSTALL UPDATES**: Delete the application from the device or uninstall updates made to apps that cannot be deleted.
   - **DISABLE**: Disable apps that cannot be deleted.
   - **CLEAR DATA**: Clear application data from memory.
   - **CLEAR CACHE**: Clear an application's temporary memory storage.
   - **CLEAR DEFAULTS**: Clear an application's customization.

Running Services

View and control services running on your device.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Applications** > **Application manager**.
2. Tap **RUNNING** to view a list of running services.

   All the applications that are currently running on the device display.
3. Tap **MORE** > **Show cached processes** to display all the cached processes that are running. Tap **MORE** > **Show services in use** to switch back.
4. Tap one of the applications to view application information.
   - **STOP**: Stops the application from running on the device. This is usually done prior to uninstalling the application. (Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.)
   - **REPORT**: Report failure and other application information.

Note: Options vary by application.

Default Applications

If you have multiple applications of the same type, such as email apps, you can select one app to be the default.

You can also use a simpler Home screen which provides an easier user experience for first-time smartphone users.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Applications** > **Default applications**.
2. Tap **Home** and select a Home screen mode:
   - **TouchWiz easy home**: Provides an easier user experience for the first-time smartphone users.
   - **TouchWiz home**: The Home screen that originally displays on your phone.
3. Tap **Messages** and select a default messaging app.
4. To clear defaults you have set up, tap **CLEAR**.

Application Settings

Shortcuts to the settings for various apps are available in one convenient location.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** > **Applications**.
2. Tap one of the following to display the settings for the selected app:
   - Calendar
   - Camera
   - Contacts
   - Email
   - Internet
   - Messages
   - Music
   - Phone
   - S Voice
   - Weather

Wallpaper

Change the look of the Home and lock screens with wallpaper.

You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL** > **Wallpaper**.
2. Tap the drop-down menu and select **Home screen**, **Lock screen**, or **Home and lock screen**.
3. Tap **ON/OFF** by **Wallpaper motion effect** to allow the wallpaper to shift slightly as you move the device.
4. Tap a image to preview it, and then tap **SET AS WALLPAPER**.
   - Tap **From Gallery** for additional wallpapers.
   - Tap **Live weather** to add high quality images based on the time, location and weather. (Lock screen only.)

Themes

Set the theme to be applied to your Home and lock screens, wallpapers, and app icons.

Apply Themes

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL** > **Themes**.
   - Tap a theme to view a preview of various screens.
   - Tap **THEME STORE** to download additional themes from the Theme Store with your Samsung account.
   - Tap **HELP** for help using this feature.
2. Tap **APPLY** to apply the selected theme.

Lock Screen and Security

Secure your device and protect your data with Lock Screen and Security settings.

Set a Screen Lock

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Screen lock type** to select a screen lock and level of security:
   - **Swipe**: Swipe the screen to unlock it. This option provides no security.
   - **Pattern**: A screen unlock pattern is a tap gesture you create and use to unlock your device. This option provides medium security.
   - **PIN**: Select a PIN to use for unlocking the screen. This option provides medium to high security.
   - **Password**: Create a password for unlocking the screen. This option provides high security.
   - **Fingerprints**: Use fingerprint recognition to unlock the screen. This option provides medium to high security.
   - **None**: Never use a Lock screen.
3. If choosing a secured lock screen option, select your notification settings:
   - Show content
   - Hide content
   - Do not show notifications
4. Choose a screen lock option:
   - **Show information**: Show the dual clock, or information such as the weather information, on the lock screen.
   - **Notifications**: Show notifications on the Lock screen.
   - **Unlock effect**: Set the visual effect used when unlocking the screen. (This option is available with Swipe only.)
   - **Secure lock settings**: Set your secure lock functions such as Secured lock time, and Smart lock.

Note: Options vary based on the screen lock type.

Fingerprints

Use fingerprint recognition as an alternative to entering passwords in certain apps.

You can also use your fingerprint to verify your identity when logging in to your Samsung account.

Note: Fingerprint recognition uses the unique characteristics of each fingerprint to enhance the security of your device. The likelihood of the fingerprint sensor confusing even small areas of two different fingerprints is very low. **But in rare cases, the sensor may recognize a fingerprint that is similar to a registered fingerprint.**

Register a Fingerprint

You can register up to 3 fingerprints. A password will also be set up as an alternative to your fingerprint.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Fingerprints**.
   - To add a fingerprint, tap **Add fingerprint** and follow the instructions to register a fingerprint and password.
   - To rename a fingerprint, touch and hold the fingerprint, and then tap **RENAME**.
   - To delete a fingerprint, touch and hold the fingerprint, and then tap **REMOVE**.

Change Backup Password

You can change the backup password for your fingerprint.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Fingerprints**.
3. Tap **Change backup password** and enter a new password.

Fingerprint Verification

Fingerprint verification can be used for other accounts accessed from your phone.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Fingerprints**.
   - **Web sign-in**: Access your online accounts using your fingerprint.
   - **Verify Samsung account**: Verify your identity using your fingerprint when logging in to your Samsung account.

Device Security

Configure security for your phone.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Device security**.
3. Tap **Install My KNOX** to activate KNOX active protection on your phone.

Find My Mobile

Protect your device from loss or theft allowing your device to be locked, tracked, and for your data to be deleted remotely.

► To access your device remotely, visit findmymobile.samsung.com.

Note: You must sign up for a Samsung account and enable Google location service to use Find My Mobile.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Find My Mobile**.
3. Enter your Samsung account password, or if you are not logged in to your Samsung account, tap **Add account** and follow the prompts.

   The following options are available:

   - **Remote controls**: Tap to activate Remote controls, which allows you to access your device remotely.
   - **Google location service**: Tap to activate Google location service. This service must be on in order to find your phone.
   - **SIM change alert**: Prevent unauthorized changes to your SIM card by being alerted whenever an app or service attempts to change data on your SIM card.

Unknown Sources

Enable installation of non-Google Play applications.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Unknown sources** to enable this option.

Warning: Enabling installation of third-party applications can cause your device and personal data to be more vulnerable to attacks by unknown sources.

Other Security Settings

Encrypt Your Data

Require a numeric PIN or password to decrypt your device each time you power it on.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Other security settings** > **Encrypt device** and follow the prompts to encrypt all data on your device.

Factory Data Reset Password

Use this option to set up your password when one is first required or change your current password.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Other security settings** > **Set up/change password**.
3. Enter a new password and tap **Confirm**.
4. Enter the new password again and tap **Confirm**.

SIM Card Lock

Require both your SIM card PIN and your ordinary screen lock type when unlocking the device.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Other security settings** > **Set up SIM card lock** and follow the prompts.
3. Tap **Lock SIM card** to turn the feature on.
4. Tap **Change SIM card PIN** to create a new PIN.

View Passwords

Display password characters briefly as you type them.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Other security settings** > **Make passwords visible** to turn the feature on.

Security Update Service

Automatically receive security updates.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Other security settings** for the following Security update service options:
   - **Security policy updates**: Automatically or manually check for security policy updates.
   - **Send security reports**: Send security reports to Samsung via Wi-Fi for threat analysis.

Device Administration

Manage your device administrators and application installation privileges.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Other security Settings** > **Device administrators**.
   - Tap **Android Device Manager** to allow it to lock or erase a lost device.

Credential Storage

Manage your security certificates. If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Other security settings** for the following Credential storage options:
   - **Storage type**: Select a storage location for credential contents.
   - **View security certificates**: Display certificates in your device's ROM and other certificates you have installed.
   - **Install from device storage**: Install a new certificate from storage.
   - **Clear credentials**: Erase the credential contents from the device and reset the password.

Advanced Security Settings

Use these options to configure advanced security settings.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Lock screen and security** > **Other security settings** for the following advanced options:
   - **Trust agents**: Perform selected actions when trusted devices are connected.
   - **Pin windows**: Pin an app on your device screen, preventing access to other features of you phone.
   - **Usage data access**: View the applications that can access your device's usage history.
   - **Notification access**: View the applications that can access notifications you receive on your phone.

Note: To view Trust agents, set up a screen lock (Password, PIN, Pattern, or Fingerprints). For more information, see Set a Screen Lock.

Privacy and Safety

Choose from various modes designed to hide personal content from being accessed by anyone else using your device, or to aid you in an emergency.

Location

Some apps, such as Google maps, may require one or more location services be turned on for full functionality.

Locating Method

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL** > **Privacy and safety** > **Location**.
2. Tap **ON/OFF** to turn on Location services.
3. Tap **Locating method** to select how your location is determined:
   - **GPS, Wi-Fi, and mobile networks**: Use GPS, Wi-Fi, and mobile networks.
   - **Wi-Fi and mobile networks**: Use Wi-Fi and mobile networks (no GPS).
   - **GPS only**: Use GPS only.

Recent Location Requests

Apps that have requested your location are listed under Recent location requests.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL** > **Privacy and safety** > **Location**.
2. Tap **ON/OFF** to turn on Location services.
3. Tap an entry under Recent location requests to view the app's settings.

Location Services

Google uses Location Reporting to store and use your device's most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL** > **Privacy and safety** > **Location**.
2. Tap **ON/OFF** to turn on Location services.
3. Tap **Google Location History** and sign in to your Google Account for more options.

Private Mode

Hide personal content from being accessed by anyone else using your device. Private mode is only available for certain applications.

Note: A secure screen lock (Pattern, PIN, Password, or Fingerprint) is required to use Private mode.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Privacy and safety** > **Private mode**.
3. Follow the prompts to learn about and set up Private mode.

Report Diagnostic Info

This feature sends diagnostic information about your phone when you are having technical problems.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Privacy and safety** > **Report diagnostic info.**
3. Tap **YES** to enable this feature or tap **NO THANKS**.

Send SOS Messages

Send a quick alert to your primary contacts when you are in an emergency situation.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Privacy and safety** > **Send SOS messages**.
3. Tap **ON/OFF** to turn the feature on and configure the following options:
   - **Send messages to**: Add recipients by creating new contacts or selecting from Contacts.
   - **Attach pictures**: Send pictures to your emergency contacts.
   - **Attach audio recording**: Send a short audio message to your emergency contacts.

To send a help message:

► Press the **Power** key quickly three times.

Easy Mode

Switch between the default screen layout and a simpler layout. The Easy mode layout has larger text and icons, making for a more straightforward visual experience.

To enable Easy Mode:

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL** > **Easy mode**.
2. Tap **Easy mode** to enable this feature. When Easy mode is enabled, you can scroll down the page and select which apps you want to appear on the Home screens.
3. Tap the apps you want to add or remove.
4. When finished, tap **DONE**.

To disable Easy Mode:

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL** > **Easy mode**.
2. Tap **Standard mode** to exit Easy mode.
3. When finished, tap **DONE**.

Accessibility

Accessibility services are special features that make using the device easier for those with certain physical disabilities.

Note: You can download additional accessibility applications from the Google Play store.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Accessibility** for options:

Vision

- **Voice Assistant**: Give spoken feedback aloud to help blind and low-vision users.
  - Voice Assistant can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.
  - You can turn on Voice Assistant from any screen by pressing the Home key quickly three times (triple-press).
- **Voice Assistant help**: Tap for help on using Voice Assistant.
- **Dark screen**: Keep the screen turned off at all times for privacy.
- **Rapid key input**: Release your finger to enter selection instead of double tapping.
- **Speak passwords**: Read the characters aloud as you enter your passwords.
- **Voice Label**: Write voice recordings to NFC tags to provide information about nearby objects.
- **Font size**: Set the font size.
- **Magnification gestures**: Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Magnifier window**: Magnify content shown on the screen.
- **Grayscale**: Change all colors to gray.
- **Negative colors**: Reverse the display of colors from white text on a black background to black text on a white background.
- **Color adjustment**: Adjust the color of the screen if you are color blind or have difficulty reading the display because of the screen color. Tap **Color adjustment** for options.
- **Accessibility shortcut**: Quickly enable accessibility features in two quick steps. Tap **ON/OFF** to turn the feature on.
- **Text-to-speech options**: Set your preferred TTS engine and options. For more information, see Text-To-Speech Options.

Hearing

- **Sound detectors**: Give an alert when baby crying or the doorbell is detected.
- **Flash notification**: Set your camera light to blink whenever you receive a notification.
- **Turn off all sounds**: For privacy, turn off all notifications and audio.
- **Hearing aids**: Improve the sound quality for use with hearing aids.
- **Samsung subtitles (CC)**: Use Samsung subtitles with multimedia files when available

- **Google subtitles (CC)**: Use Google subtitles with multimedia files when available.
- **Left/right sound balance**: Use the slider to set the left and right balance when using a stereo device.
- **Mono audio**: Switch audio from stereo to mono for use with one earphone.
- **Auto haptic**: The device will vibrate in time to the sound when listening to music, watching videos, or playing games. It will also vibrate when buttons are tapped in supported apps. This may consume battery power, and not all applications will support this feature.

Dexterity and interaction

- **Universal switch**: Control your phone with your customized switches.
- **Assistant menu**: Improve the device accessibility for users with reduced dexterity.
- **Gesture wake up**: Wake up your device by waving your hand over the sensor.
- **Press and hold delay**: Select a time interval for this action.
- **Interaction control**: Block areas of the screen from touch interaction. Disable Auto rotate screen and hard key functions. Only show application notifications in the Notification panel and the Status bar.

More settings

- **Direction lock**: Unlock the screen by swiping in a series of four to eight directions.
- **Direct access**: Open your accessibility settings by pressing the Home key three times in quick succession.
- **Notification reminder**: Beep at set intervals to remind you of any unread notifications.
- **Answering and ending calls**: Select shortcuts for answering and ending calls.
- **Single tap mode**: Tap to stop/snooze alarms and calendar events.
- **Manage accessibility**: Export your accessibility settings and share them with another device.

Services

- Additional accessibility apps may be downloaded from the Google Play store. Certain accessibility services you install may be configured here.

Accounts

Set up and manage accounts, including your Google Account, Samsung account, email, and social networking accounts.

Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

Add an Account

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Accounts** > **Add account**.
3. Tap one of the account types.
4. Follow the prompts to enter your credentials and set up the account.

Synchronize Accounts

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Accounts** > **[Account type]**.
3. Tap an account to view the sync settings for that account.
4. Tap individual data items to sync.
5. Tap **MORE** > **Sync all** or **Sync now** to synchronize the account.

Note: Sync options and the location of the sync command differ depending on the account type.

Account Settings

Each account has its own set of settings. In addition, you can configure common settings for all accounts of the same type.

Note: Account settings and available features vary between account types and service providers. Contact your service provider for more information on your account's settings.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Accounts** > **[Account type]**.
3. Tap an account to configure that account's sync settings.
4. Tap other available options for the account.

Delete an Account

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Accounts** > **[Account type]**.
3. Tap the account and then tap **MORE** > **Remove account**.

Backup and Reset

Back up your data to Google servers. You can also reset your device to its factory defaults.

Backup and Restore

Enable backup of your information to Google servers.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Backup and reset** for options:
   - **Backup account**: Select a Google Account to be used as your backup account.
   - **Back up my data**: Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.
   - **Automatic restore**: Enable automatic restoration of settings from Google servers. When enabled, backed-up settings are restored when you reinstall an application.

Factory Data Reset

Return your device to its factory defaults.

Caution: If you reset your device to factory settings with the FRP (Factory Reset Protocol) turned on, you must enter the user name and password for the last registered Google Account to regain access to the device. You will not be able to access the device without the correct credentials. This Google Account verification prevents unauthorized users from accessing or using your device if it has been reset to factory settings without your permission (for example, if your device is lost or stolen). You should remove your Google Account before shipping your device to Samsung or any other service provider for service and before resetting the device to factory settings.

1. From a Home screen, tap **Apps** > **Settings** > **PERSONAL**.
2. Tap **Backup and reset** > **Factory data reset**.
3. Tap **RESET DEVICE** and follow the prompts to perform the reset.

Warning: This action permanently erases ALL data from the device, including Google or other account settings, system and application data and settings, downloaded applications, as well as your music, photos, videos, and other files.

Language and Input

Configure your device's language and input settings.

Set Your Default Language

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Language and input** > **Language**.
3. Select a language from the list.

Select Your Default Keyboard or Input Method

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Language and input** > **Default keyboard**.
3. Select a keyboard.

Note: Additional keyboards can be downloaded from the Google Play store.

Samsung Keyboard Settings

Configure options for using the Samsung keyboard.

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Language and input**.
3. Tap **Samsung keyboard** for options:
   - **English(US)**: Set the keyboard type: Qwerty keyboard or 3x4 keyboard.
   - **Add input languages**: Choose which languages are available on the keyboard. To switch between languages, slide the Space bar sideways.
   - **Predictive text**: Allow Predictive text to suggest words matching your text entries, and, optionally, complete common words automatically. Predictive text can learn your personal writing style from your contacts, messages, Gmail, and social networking sites—improving its accuracy of predicting your text entries.
   - Additional keyboard settings provide assistance with capitalization, punctuation, and much more.

Swype

Configure options for using the Swype keyboard.

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Language and input**.
3. Tap **Swype** for options:
   - **Settings**: Configure basic options.
   - **Themes**: Change the keyboard layout.
   - **My Words**: Manage your personal dictionary, new word updates, as well as how Swype can learn from your writing style in various apps.
   - **Languages**: Set the current language. Additional languages can be downloaded.
   - **Gestures**: Learn about using Swype gestures.
   - **Help**: View information on using Swype.

Google Voice Typing Settings

Speak rather than type your text entries using Google Voice Typing.

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Language and input**.
3. Tap **Google voice typing** for options:
   - **Language**: Select languages for Google voice typing.
   - **“Ok Google” detection**: Tap to launch a Google search whenever you say “Ok Google”.
   - **Hands-free**: Allow requests with the device locked.
   - **Speech output**: Select options for spoken feedback.
   - **Block offensive words**: Hide words many people find offensive are in results of Google voice searches. Offensive words are replaced in results with a placeholder (####).
   - **Bluetooth headset**: Use audio input from a Bluetooth headset (not included) if one is connected.

Handwriting Recognition Language

Handwriting can be recognized in S Note and Action Memo. Use this option to select a language that will be used by the device to recognize your handwriting.

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Language and input**.
3. Under Handwriting recognition, tap **Language**.
   - Tap **SELECT INPUT LANGUAGES** to select a new language.

Voice Input

Use Google voice recognition to perform Google searches using spoken commands.

To perform a voice search, tap **Search** in the Google search bar or widget. Or say “Ok Google” to launch a Google search (if the hotword detection option is enabled).

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Language and input** > **Voice input** for options.
   - Tap **Enhanced Google services** for full voice interaction or **Basic Google recognition** for simple voice recognition.
   - Tap **Settings** next to the selected option to configure its options.

Text-To-Speech Options

Configure your Text-To-Speech (TTS) options. TTS is used for various accessibility features, such as Voice Assistant. For more information, see Accessibility.

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Language and input** > **Text-to-speech options** for options:
   - Choose either the Samsung or Goggle text-to-speech engine. Tap **Settings** next to each TTS engine for options.
   - **Speech rate**: Set the speed at which the text is spoken.
   - **Default language status**: Display the default language in use.

Mouse/Trackpad Settings

Configure settings for using an optional mouse or trackpad (not included).

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Language and input** > **Pointer speed**.
3. Drag the slider to the right to go faster or to the left to go slower.
4. Tap **OK** to save your setting.

Battery

View how battery power is used for device activities.

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Battery** for options:
   - **Power saving mode**: Tap **ON/OFF** to turn the feature on, and customize options.
   - **Ultra power saving mode**: Tap **ON/OFF** to turn the feature on.
   - **Display battery percentage**: Display the battery charge percentage next to the battery icon on the Status bar.
   - **Battery Chart**: The battery level displays as a percentage. The amount of time the battery has been used also displays.
   - Tap **REFRESH** to update the listing.

Apps and System Usage

Battery usage displays in percentages per application and system process.

1. Tap **Screen**, **Android System**, or an app to view how they are affecting battery use.
2. Tap **REFRESH** to update the listing.

Note: Other applications may be running that affect battery use.

Storage

View the device memory and usage.

Device Memory

View and manage the memory used by the device.

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Storage**.
   - The Device memory displays Total space.
   - The amounts of memory used are further divided into:
     - **Available space**: The amount of storage space currently available.
     - **System memory**: The minimum amount of storage space required to run the system.
     - **Used space**: The amount of storage space currently being used.
     - **Cached data**: The amount of data currently cached.
     - **Miscellaneous files**: The amount of memory used to store miscellaneous files.

To increase available memory:

1. Tap **Cached data** to clear cached data for all apps. Tap **DELETE** to confirm.
2. Tap **Miscellaneous files**, select unnecessary files individually, or tap **SELECT ALL**, and then tap **DELETE**.

Date and Time

By default, your device receives date and time information from the wireless network.

When you are outside network coverage, you may want to set date and time information manually using the date and time settings.

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Date and time**.
3. The following options are available:
   - **Automatic date and time**: Receive date and time updates from the wireless network.
   - **Automatic time zone**: Receive the time zone from the wireless network.
   - **Set date**: Enter the current date (only available when Automatic date and time is disabled).
   - **Set time**: Enter the current time (only available when the Automatic setting is disabled).
   - **Select time zone**: Choose your local time zone (only available when the Automatic setting is disabled).
   - **Use 24-hour format**: Set the format for time displays.

Help

View tips and guidelines for using your device.

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **Help** for information about:
   - New features
   - Getting started
   - Applications
   - Settings

About Device

View information about your device, including current status, legal information, hardware and software versions, and more.

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **About device**, and then tap items for more details:
   - **Software update**: Check for and install available software updates.
   - **Status**: View the status of the battery, network, and other information about your device.
   - **Legal information**: View legal notices and other legal information.
   - **Device name**: View and change your device's name.
   - Additional device information includes the Model number, Android version, Build number, and more.

Software Updates

Use Software update to update your device's software.

1. From a Home screen, tap **Apps** > **Settings** > **SYSTEM**.
2. Tap **About device** > **Software update**.
3. Follow the prompts to check for available software updates to download and install.